

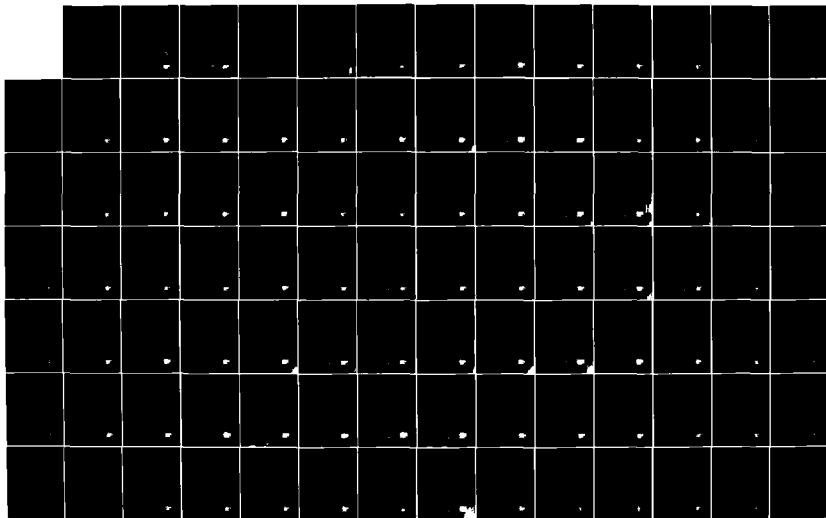
AD A147 167

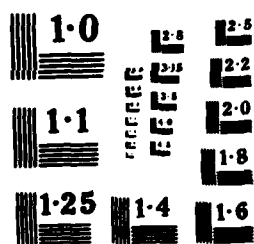
HOHENFELS AAF GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISOC5)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
UNCLASSIFIED USAFETAC/US R4/025 SRI-AD-EB50 753

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DA 100-105

USAF 2700/25-84/125

AD-A147 167

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

"LIMITED SURFACE CLIMATIC SUMMARY RECORDS"

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HOHENFELS AAF GE MSG #107715
N 49 13 E 011 50 ELEV 1450 FT EDIH
PARTS A, C-F HOURS SUMMARIZED: 0500Z - 1600Z
PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAR 74 - FEB 84
SUMMARY OF DAY DATA: NOT SUMMARIZED:
TIME CONVERSION GMT TO LST: +1

07 AUG 1984

03 AUG 1984

FEDERAL BUILDING
ASHEVILLE, N. C.

DTIC
FLECTE
OCT 29 1984

B

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Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
USAFETAC/LDX

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM												
1. REPORT NUMBER USAFETAC/DS- 84/025	2. GOVT ACCESSION NO AD-A147167	3. RECIPIENT'S CATALOG NUMBER												
4. TITLE (and Subtitle) Limited Surface Observations Climatic Summary (LISOCs) - HOHENFELS AAF, GERMANY (WEST)		5. TYPE OF REPORT & PERIOD COVERED Final Rept												
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)														
18. SUPPLEMENTARY NOTES Limited-duty weather observation site.														
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*LISOCs</td> <td>Climatology</td> <td>Weather conditions</td> </tr> <tr> <td>*RUSSWO</td> <td>Surface winds</td> <td>Relative humidity</td> </tr> <tr> <td>*Climatological data</td> <td>Sea-level pressure</td> <td>Station pressure</td> </tr> <tr> <td>Psychrometric summary</td> <td>Atmospheric pressure</td> <td>Ceiling versus Visibility</td> </tr> </table>			*LISOCs	Climatology	Weather conditions	*RUSSWO	Surface winds	Relative humidity	*Climatological data	Sea-level pressure	Station pressure	Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility
*LISOCs	Climatology	Weather conditions												
*RUSSWO	Surface winds	Relative humidity												
*Climatological data	Sea-level pressure	Station pressure												
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility												
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. This report is a five-part statistical summary of surface weather observations for HOHENFELS AAF, GERMANY (WEST).</p>														

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* GERMANY (WEST)

20. It contains the following parts: (A) Weather Conditions; (C) Surface Winds; (D) Ceiling Versus Visibility; (E) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

CAUTION

Hohenfels AAF, Germany is a part time observing station, thus we partitioned the data to use only those observations from 0600Z to 1700Z. Any data outside these hours were not used in the production of this summary. This partitioning is necessary to reduce any bias in the summaries which could result from using those infrequent observations outside the normal operating hours.

The title page contains a stamped entry "Data Not Available" next to those summaries that are not included, i.e., "Sky Cover". This station being closed on weekends and holidays obviously renders the SOD data as questionable at best (is the data for 24, 48 or 60 hours at the beginning of the new week.)

The remaining summaries contain serious misleading values that if used would present gross inaccurate climatology for Hohenfels, therefore the "ALL ALL" summaries were removed because they do not represent the "ALL" hours. We urge caution when using these summarized values because they contain only those values from 0600Z to 1700Z, not for a full 24 hour period.

Accession For	
NTIS GRA&I	<input checked="checked" type="checkbox"/>
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Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

USAFETAC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES (LISOCs)
HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at established hourly intervals.

SUMMARY OF THE DAY OBSERVATIONS

Summary of the day observations are selected from all data recorded on reporting forms and combined into these observations (records, record-specials, locals, summary of day, remarks, etc.).

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the LISOCs and the manner of presentation. Tabulations are prepared from observations recorded by stations operated by the US Services and some foreign stations using similar reporting practices.

Unless otherwise noted, the following summaries are included in this LISOCs:

PART A: WEATHER CONDITIONS

PART E: DAILY HIGH, LOW, AND MEAN TEMPERATURES

PART B: NO OR INSUFFICIENT
DATA AVAILABLE*

MAX HIGH AND MIN LOW TEMPERATURES

PART C: SURFACE WINDS

PSYCHROMETRIC: DRY VS WET BULB

PART D: CEILING VERSUS VISIBILITY

MEAN AND STD DEV. (DRY BULB, WET BULB,
AND DEW POINT TEMPERATURES)

SKY COVER DATA NOT AVAILABLE

RELATIVE HUMIDITY

*PRECIPITATION, SNOWFALL AND SNOW DEPTH

PART F: STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 local standard time (LST).

101115

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
107715	HOHENFELS GERMANY AAF	N 49 13	E 011 50	1450	EDTM	

STATION LOCATION AND INSTRUMENTATION HISTORY									
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Hohenfels Germany	AAF	Sep 61	Feb 70	N 49 13	E 011 50	1460	N/A	12 to 14
2	No change	AAF	Mar 70	Apr 70	No chge	No chge	No chge	N/A	24
3	No change	AAF	May 70	Dec 70	No chge	No chge	No chge	N/A	13
4	No Chge	AAF	Dec 70	Dec 83	No chge	No chge	1450	1449	13

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 61 to Feb 62	Located on top of control tower.	AM/GMR-11	None	70 ft	
2	Mar 62 to Feb 64	No change	No chge	None	60 ft	
3	Mar 64 to Feb 65	Located in control tower.	No chge	None	35 ft	

USAFETAC FORM 0-19 (01-4)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
4	Mar 65 to Apr 67	Located on top of control tower.	No chge	None	50 ft	
5	May 67 to Feb 68	Located on top of MMQ-2 van	AN/TMQ-15	None	15 ft	
6	Mar 68 to Dec 70	Located 600 ft from centerline, 650 ft from end of rwy.	No chge	None	16 ft	
7	Dec 70 to Dec 83	Located 275 ft left of C/L Rwy 09 355 Ft from Apch end.	T-420 GMQ-11	RO-362	No Chge	

MAC-8 AFB, 12 80-8079

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

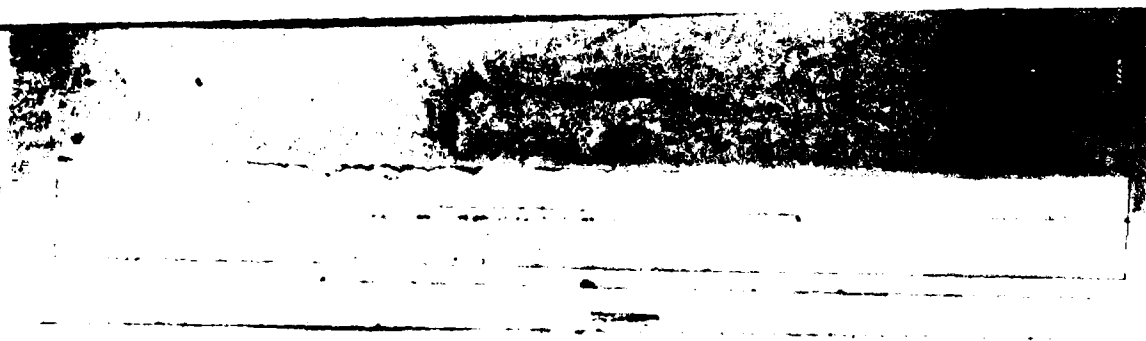
Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

715 HOFENFEL AAF OF 75-84 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LIST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN G. OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	1-02												
	3-05												
	06-08		11.7	.4	22.1		33.8	53.5	.6			54.1	787
	09-11		12.0	1.0	24.1		16.2	46.3	3.2	.1	.1	49.7	792
	12-14		13.1	.1	24.4		36.5	34.1	12.7			46.6	742
	15-17		14.1	.4	22.3		15.3	31.9	14.6			46.6	717
	18-20												
	21-23												
TOTALS			12.7	.5	23.2		35.5	41.5	7.8	.0	.0	49.3	3038

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1715 HUNEFELT AAF GF 75-84 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	10-72												
	3-75												
	6-78		9.2	.8	13.1		72.6	66.9	1.2			68.1	747
	12-11		9.7	.8	15.2		74.1	55.1	9.3			64.4	755
	12-14		9.1	.1	13.2		72.1	35.0	72.2			57.2	712
	12-17	.1	8.6		14.6		72.0	27.7	74.0			51.7	687
	18-21												
	11-23												
TOTALS		.2	8.9	.4	14.1		72.7	46.2	14.2			60.4	2901

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ATM. WEATHER SERVICE/MAC

WEATHER CONDITIONS

7715
STATION

WHELFEL AAF OF
STATION NAME

74-87

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1-24	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MA -	0-2												
	3-5												
	6-8		14.5		9.5		23.2	57.8	5.6			62.8	863
	9-11		15.5		9.3		23.2	34.1	21.1			55.3	870
	12-14	.1	13.6	.1	5.4	.1	18.5	16.2	29.4			45.6	827
	15-17	.1	13.4		4.6		17.6	10.1	31.7			41.7	796
	18-20												
	21-23												
TOTALS		.1	14.3	.0	7.2	.0	20.6	29.6	21.8			51.4	3356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1715 HOFENFELS AAF GE 74-83 APP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02												
	03-05												
	06-08	.1	14.5		8.2		21.6	52.5	12.6			65.1	857
	09-11		16.6		6.4		21.5	15.9	34.6			50.5	861
	12-14	.2	18.7		6.4		23.6	4.3	27.6			31.9	861
	15-17	.7	15.6		5.6		20.0	5.2	24.5			29.8	867
	18-20												
	21-23												
TOTALS		.3	16.4		6.6		21.7	19.5	24.8			44.3	3439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

WEATHER CONDITIONS

77.5 HOFENFELS AAF GF 74-83 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-05												
	06-11												
	12-17		15.2		.2		15.2	43.7	18.3			62.1	871
	18-23	.1	12.5		.2	.1	12.9	10.8	76.3			39.2	886
	24-29	1.1	14.9			.3	15.2	2.1	20.0			72.2	888
	30-31	2.1	14.3				14.3	1.2	15.8			17.0	886
TOTALS		.8	14.2		.1	.1	14.3	14.5	20.6			35.1	3531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION 1715 Hohenfels AAF GF 74-83 JUN
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01-07												
	08-14												
	15-21	.3	13.9				13.9	41.9	26.5			62.4	968
	22-28		12.9				12.9	9.1	30.9			40.1	866
	29-30	2.2	12.7				12.7	2.1	20.6			22.6	975
	01-06	3.1	1.2				10.2	3.1	19.2			22.3	971
	07-12												
	13-18												
	19-24												
	25-30												
TOTALS		1.4	12.4				12.4	14.1	22.6			36.9	3480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17715 HUGHENFELS AAF GF 74-83 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	7-02												
	7-05												
	6-08	.5	14.9				14.9	38.8	74.4			63.2	859
	9-11	.2	14.9				14.8	7.5	35.5			43.1	889
	12-14	1.7	14.3				14.3	3.9	74.4			28.3	891
	15-17	2.8	17.0				17.0	2.7	71.6			24.3	955
	18-20												
	21-23												
TOTALS		1.3	15.3				15.3	13.2	76.5			39.7	3494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

107715
STATION

HOFENFELS AAF GE
STATION NAME

74-83

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05												
	06-08	.5	10.0				10.0	59.7	16.1			75.8	880
	09-11		11.2				11.2	17.0	43.4			60.4	899
	12-14	1.0	10.6				10.6	2.8	38.1			40.9	905
	15-17	2.4	12.3				12.3	1.9	30.5			32.4	876
	18-20												
	21-23												
TOTALS		1.0	11.0				11.0	20.4	32.0			52.4	3560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17715 HOFENFELS AAF GE 74-83 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-01												
	02-05												
	06-08		11.3				11.3	71.2	4.4			75.6	827
	09-11	.1	10.8				10.8	28.0	33.1			61.1	876
	12-14	.5	9.9				9.9	7.5	39.2			46.7	876
	15-17	1.1	9.3				9.3	5.5	34.3			39.9	837
	18-2												
	21-23												
TOTALS		.4	10.3				10.3	28.1	27.8			55.8	3402

WEATHER CONDITIONS

YEARS

OCT
MONTH

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLT	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS.
OCT	07-08												
	9-16												
	16-24		19.3		.7		19.6	66.8	3.6			70.4	822
	25-31		17.7		.5		17.7	44.6	14.9			59.5	837
	12-14		16.4		.4		16.4	21.7	29.3			51.0	779
	15-17		17.3		.4		17.5	16.0	32.0			48.0	750
	19-20												
	21-23												
TOTALS			17.7		.5		17.8	37.3	20.0			57.2	3181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17715 HOFENFELS AAF GF 74-83 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02												
	03-05												
	06-08	.1	15.2	.1	8.2		23.3	61.6	.4			62.0	756
	09-11		17.6		10.0		26.7	49.3	6.4			55.7	769
	12-14		16.0		7.2	.1	22.9	32.6	15.6			48.2	720
	15-17		17.2		8.9		24.8	33.3	15.9			49.2	693
	18-20												
	21-23												
TOTALS		.0	16.5	.0	8.6	.0	24.4	44.2	9.6			53.8	2938

WEATHER CONDITIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	10-22												
	23-25												
	6-26		14.8	.7	16.2		30.8	53.0	1.4			54.4	737
	10-11		13.3	.4	17.9		31.2	44.3	5.7			49.7	757
	12-14		15.4	.6	15.8		30.3	33.5	11.5			45.0	702
	15-17		17.2	.3	11.2		28.1	35.5	13.0	.3		48.8	671
	18-2												
	21-23												
TOTALS			15.2	.5	15.3		30.1	41.5	7.9	.1		49.5	2852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1975 HOFENFELS AAF GF 74-84 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		12.7	.5	23.2		35.5	41.5	7.8	.2	.0	49.3	3038
FEB		.0	8.9	.4	14.0		22.7	46.2	14.2			60.4	2901
MAR		.1	14.3	.0	7.2	.0	20.6	29.6	21.8			51.0	3356
APR		.3	16.4		6.6		21.7	19.5	24.8			44.3	3439
MAY		.8	14.2		.1	.1	14.3	14.5	20.6			35.1	3531
JUN		1.4	12.4				12.4	14.1	22.8			36.9	3480
JUL		1.3	15.3				15.3	13.2	26.5			39.7	3494
AUG		1.0	11.0				11.0	20.4	32.0			52.4	3560
SEP		.4	10.3				10.3	28.1	27.8			55.8	3402
OCT			17.7		.5		17.8	37.3	20.0			57.2	3181
NOV		.7	16.5	.0	8.6	.0	24.4	44.2	9.6			53.8	2938
DEC			15.2	.5	15.3		30.1	41.5	7.9	.1		49.5	2852
TOTALS		.4	13.7	.1	6.3	.0	19.7	29.2	19.7	.0	.0	48.8	39172

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 HOFENFELS AAF GE STATION NAME 75-84 YEARS JAN
 CLASS ALL WEATHER MONTH JAN
 CONDITION 600-700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.1										1.3	2.5
NNE	.7	.3										.5	3.8
NE	.9	.3										1.1	2.7
ENE	.7	.4										1.1	2.7
E	.5	.6										1.3	3.3
ESE	.7	1.0										3.3	2.9
SE	4.7	1.8	.9									7.0	3.6
SSE	2.5	.9										3.4	2.9
S	1.3	1.0	.1									2.9	3.0
SSW	2.7	1.5	.9	.3								5.3	4.6
SW	1.7	2.2	1.4		.7							5.5	5.7
WSW	2.9	3.3	2.7	.4	.1							8.8	5.6
W	2.5	3.4	7.1	2.4	1.0							16.5	8.2
WNW	1.7	1.8	2.7	1.3	.1							6.9	6.9
NW	2.0	.8	.6	.4	.1							3.9	5.4
NNW	2.4	.3										2.7	2.3
VARBL		.1	.3	.5								.9	1.4
CALM												27.6	
	37.4	19.7	15.5	5.2	1.7							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 HOFENFELS AAF GE STATION NAME 75-84 YEARS JAN 1975
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	.1										1.0	2.1
NNE	.4	.3										1.0	3.0
NE	.9	.5										1.3	2.9
ENE	.9	1.7	.1									2.0	4.2
E	1.6	.4										2.0	2.6
ESE	.5	1.4	.4									4.3	3.5
SE	.5	3.0	.5	.1								8.7	3.6
SSE	.4	1.5	.7									5.3	3.2
S	.1	1.4										3.5	3.1
SSW	1.0	2.5	1.4									5.4	5.1
SW	.0	2.3	2.7	.1	.1							6.6	5.6
WSW	.1	2.1	2.5	.1								5.9	6.2
W	1.0	2.8	5.1	4.0	1.1	.1						16.0	9.3
WNW	1.4	1.9	3.7	1.0								7.4	6.9
NW	1.4	.6	.4	.1								2.9	4.0
NNW	1.1	.9	.4	.3								2.8	4.8
VARBL		.1	.2				.1					.5	13.5
CALM												23.1	
	29.3	22.9	17.4	5.8	1.3	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10715 WOMENFELS AAF GE STATION NAME 75-84 YEARS JAN
MONTH 12 9-1400
TIME (L.S.T.)
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.5										1.5	3.5
NNE	1.2	.4										1.6	2.8
NE	1.1	.5										1.9	3.1
ENE	.2	1.5										2.4	3.9
E	.7	1.2	.3									2.2	4.1
ESE	1.4	2.0										5.4	3.1
SE	5.1	4.2	.4									9.7	3.3
SSE	2.7	2.8	.3									5.8	3.8
S	2.4	2.4	.1									5.0	3.8
SSW	1.2	2.4	1.9	.1								5.7	5.5
SW	.3	2.7	1.6	.1								5.3	5.9
WSW	1.3	3.8	4.3	.9	.3							11.1	7.0
W	.0	3.1	6.1	1.9	.8							12.8	8.5
WNW	.9	1.1	3.1	1.2		.3						6.6	8.7
NW	.7	1.6	2.7	.3	.1							4.7	7.0
NNW	.7	.5	.3	.3								1.8	5.2
VARBL			.5	.3								.8	1.5
CALM												15.9	
	25.7	30.9	20.9	5.1	1.2	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

107715 HJHNFELS AAF GF 75-84 JAN
STATION STATION NAME YEARS
ALL WEATHER
CLAS
500-1700
MOON (L E F)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.7	.1									2.4	3.4
NNE	.7	.8										1.5	3.7
NE	1.1	.4										1.5	3.0
ENE	.9	1.0										1.8	3.4
E	1.7	.9	.1									2.6	3.4
ESE	2.2	1.7	.1									3.3	3.1
SE	6.3	3.1	.9									9.8	3.3
SSE	1.1	1.1										6.1	2.8
S	2.5	2.0	.3									4.7	3.5
SSW	2.5	2.0	1.3									5.9	4.4
SW	2.4	3.7	1.5	.1								7.4	4.4
WSW	1.4	4.5	1.5	.3								7.7	5.3
W	2.0	4.3	5.4	2.0	.4	.3	.3					14.6	8.2
WNW	.5	3.3	1.4	.6	.1							6.0	6.3
NW	1.2	1.1	2.0	.4								4.5	6.7
NNW	.9	.4	.4									1.7	4.2
VARBL			.1									.1	10.0
CALM												18.3	
	32.6	29.8	14.8	3.3	.6	.3	.3					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1975 HOFENFELD AAF GE 75-84 JAN
STATION MONTH
ALL WEATHER
CLASS
CONDITION
HOUSE (L.S.V.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.4	.2									1.5	3.1
NNE	.6	.4										1.1	3.3
NE	1.1	.4										1.4	3.0
ENE	.2	1.0	.7									1.8	3.7
E	1.2	.9	.1									2.0	3.4
ESE	2.4	1.3	.1									4.1	3.2
SE	5.2	3.0	.6	.0								8.8	3.5
SSE	3.6	1.6	.1									5.3	3.2
S	2.2	1.7	.1									4.0	3.4
SSW	2.0	2.1	1.3	.1								5.6	4.9
SW	1.7	2.6	1.6	.1	.1							6.2	5.5
WSW	1.3	3.4	2.6	.4	.1							9.3	6.1
W	1.9	3.4	6.2	2.6	.9	.1	.1					15.5	8.6
WNW	1.2	2.0	2.4	1.0	.1	.1						6.7	7.2
NW	1.4	1.0	1.2	.3	.1							4.0	5.8
NNW	1.3	.5	.1	.1								2.2	4.0
VARBL		.1	.3	.2			.0					.6	11.1
CALM												21.4	
	29.5	25.6	17.1	4.9	1.2	.2	.1					100.1	4.3

TOTAL NUMBER OF OBSERVATIONS 3038

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 177715 HOCHENFELS AAF GE YEARS 75-84 FE8
DATE 1600-0800
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.9										3.6	2.5
NNE	1.5	1.5	.1									3.1	3.5
NE	1.5	.9	.7									2.8	3.5
ENE	.5	.9										1.5	4.3
E	1.5	.8	.1									2.4	3.3
ESE	2.2	.9										3.9	2.8
SE	1.3	2.4	.3									5.5	3.6
SSE	1.6	.9	.7									2.8	3.5
S	3.7	1.6		.1								5.5	2.9
SSW	1.3	.9										2.3	3.3
SW	.5	1.6	.5									2.7	5.3
WSW	1.2	1.9	.9									4.3	5.0
W	2.7	2.3	1.7	.1								6.2	5.2
WNW	2.5	2.5	.9									5.4	4.0
NW	2.0	1.2	.7	.1								5.2	3.6
NNW	5.7	1.7										6.7	2.7
VARBL			.4	.7								1.1	12.4
CALM												36.3	
	33.9	22.6	6.2	1.1								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1715 HOFENFELS AAF GE STATION NAME 75-84 YEARS FEB MONTH 1975
ALL WEATHER CLAS 1970-1975 MONTH (L.B.Y.)
CORRECTION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.3										3.8	4.9
NNE	1.7	2.0	.7									4.2	4.4
NE	1.7	2.1	.8									3.7	4.1
ENE	.7	2.4	.5									4.2	4.7
E	1.4	1.9	.9									4.4	4.5
ESE	1.7	2.6	.5									6.5	3.7
SE	4.4	2.6	.4									7.4	3.4
SSE	2.6	3.3	.7									5.2	4.1
S	2.3	1.6	.7									5.2	3.3
SSW	1.1	.9	.3									2.3	4.2
SW	.3	1.5	1.7									3.4	5.6
WSW	.9	2.5	.9									4.4	5.2
W	1.9	2.9	2.5	.8								7.7	5.8
WNW	.5	1.5	.8	.1								3.1	5.5
NW	1.2	1.2	.8	.1	.4							3.7	6.4
NNW	1.3	1.2	.1									3.6	3.3
VARBL			.5	.5								1.1	11.6
CALM												25.4	
	29.9	32.1	11.0	1.2	.4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10715 HOFENFELS AAF GE STATION NAME YEARS 75-84 MONTH FEB
ALL WEATHER CLASS 1700-1800 HOURS (C.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	.1									2.9	3.5
NNE	1.4	3.4	1.7									6.5	5.2
NE	2.1	3.4	1.5									7.0	4.8
ENE	1.7	4.4	1.0									7.0	4.7
E	2.2	3.1	1.5									6.9	4.8
ESE	3.4	3.4	.8									8.0	4.0
SE	4.5	3.5	1.3									9.8	3.9
SSE	5.2	3.2	1.7									9.4	3.6
S	2.2	2.7	.4									6.0	3.7
SSW	1.4	1.3	.6	.1								3.4	4.6
SW	.8	.8	1.3									2.9	5.5
WSW	1.0	2.2	1.1	.1								4.5	5.3
W	1.4	2.4	2.9	1.0								7.7	6.9
WNW	.6	1.4	1.7	1.0								4.6	7.9
NW	.8	.8	1.4	.4	.3							3.8	7.8
NNW	.1	1.0	.1									1.3	5.3
VARBL		.1	.7	.8								1.7	10.3
CALM												6.9	
	31.5	38.5	19.2	3.5	.3							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100715 STATION NAME HOFENFELD AAF GE YEARS 75-84 MONTH FEB DATE 15-0-1700
TIME (LST)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.5	.7									5.7	3.7
NNE	3.5	4.3	1.7									8.9	4.1
NE	7.0	2.9	2.0									6.8	5.3
ENE	2.0	4.1	1.7									7.4	4.7
E	2.5	1.5	1.2									5.1	4.4
ESE	2.3	2.9	.4									5.7	3.9
SE	4.9	3.9	.5									9.5	3.8
SSE	4.1	2.9										7.0	3.1
S	3.5	1.6	.7									5.4	3.2
SSW	.9	1.2	.1	.1								2.3	4.8
SW	1.5	1.5	.7	.3								3.9	5.1
WSW	2.2	1.5	.4									4.1	3.9
W	1.7	2.8	1.7	.7								7.2	6.0
WNW	.6	1.5	2.0	.3								4.4	6.9
NW	.6	.9	1.3	.7								3.5	7.2
NNW	1.7	.4	.4									2.6	3.6
VARBL			.1	.6								.7	13.0
CALM												10.0	
	37.1	36.0	14.1	2.5								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17715 HOFENFELS AAF GE 75-94 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
ALL
MONTH (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.4	.1									4.0	3.2
NNE	1.2	2.7	.9									5.5	4.8
NE	1.2	2.3	1.0									5.0	4.6
ENE	1.1	3.0	.7									5.0	4.7
E	1.2	1.8	.9									4.7	4.8
ESE	1.0	2.6	.4									6.0	3.7
SE	4.2	3.1	.6									7.8	3.7
SSE	3.3	2.6	.4									6.3	3.6
S	3.4	1.9	.2	.0								5.5	3.3
SSW	1.2	1.1	.2	.1								2.6	4.2
SW	.9	1.3	.9	.1								3.2	5.8
WSW	1.3	2.0	.9	.2								4.2	4.9
W	1.2	2.6	2.2	.6								7.1	6.0
WNW	1.1	1.6	1.3	.3								4.3	6.0
NW	1.4	1.2	1.2	.3	.2							4.0	6.0
NNW	2.3	1.1	.2									3.6	3.3
VARBL		.1	.4	.7								1.1	11.5
CALM												20.0	
	33.1	32.1	12.5	2.1	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1975 MOHENTFELD AAF GE 74-81 MAR
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLASS
0600-0800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	.9	.2									3.6	3.2
NNE	.7	1.5	.3									2.5	4.6
NE	.5	.9	.3									1.7	4.7
ENE	.7	.6	.3									1.5	3.9
E	1.2	.3	.1									1.6	3.1
ESE	.7	.6										1.3	3.1
SE	2.5	1.6										4.2	3.1
SSE	1.7	.6	.1									1.7	3.1
S	1.7	1.4	.1									2.5	3.7
SSW	1.5	1.9	.9									4.3	4.6
SW	1.5	3.5	.9	.1								6.5	4.9
WSW	2.3	3.2	1.2	.2								7.0	4.9
W	3.9	4.3	1.4	.7								11.3	4.8
WNW	1.4	1.9	2.0	.5								5.7	6.7
NW	3.2	1.3	.9	.2								5.7	4.1
NNW	6.3	1.2	.2									7.6	2.7
VARB			.1		.1							.2	12.5
CALM												32.4	
	30.9	25.5	9.3	1.7	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

107715 HOFENFELS AAF GE 74-83 YEAR MAP DATE
STATION NAME
ALL WEATHER CLASS
CORRECTION
900-1100 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.1									3.1	5.8
NNE	1.5	2.3	.9									4.7	8.8
N E	.9	1.7	.9									3.6	5.2
ENE	1.4	2.6	.9									4.9	8.8
E	2.3	1.5	.7									4.5	3.8
ESE	2.4	2.2	.7									5.5	3.9
SE	3.2	3.6	1.0									7.8	4.1
SSE	2.0	2.1	.5									4.5	8.0
S	2.1	1.5	.5									4.0	3.8
SSW	1.4	2.8	1.7									5.5	5.8
SW	.5	2.6	2.1									5.2	6.2
WSW	.7	4.1	2.6	.5								7.9	6.3
W	.9	4.3	5.5	1.3	.1							12.1	7.7
WNW	.6	1.5	2.0	1.1								5.6	8.2
NW	.2	.9	1.3	.2								2.6	7.2
NNW	.9	1.4	.1									2.5	4.3
VARBL		.2	.0	.3								1.8	9.8
CALM												14.5	
	21.7	36.2	29.0	3.8	.1							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17715 HOFENFELS AAF GE 74-83 MAR
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1700-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.9	.5									3.8	4.6
NNE	1.7	2.3	1.1	.2								4.6	5.4
NE	.5	2.1	1.1	.1								3.7	6.1
ENE	1.5	1.7	1.7	.2								4.4	4.9
E	2.4	2.7	1.1									6.2	4.4
ESE	2.1	3.1	.6									5.8	4.4
SE	1.5	2.8	.8									5.2	4.4
SSE	1.7	3.3	1.1									6.3	4.9
S	1.9	4.7	.8									7.5	4.7
SSW	.9	3.0	2.1	.2								6.2	6.0
SW	1.7	2.4	2.9	.5								6.7	6.5
WSW	1.2	3.7	4.7	.2								9.9	6.8
W	.5	3.3	6.3	1.9								11.9	8.1
WNW	.6	1.1	4.0	1.0								6.7	8.1
NW	.4	1.2	1.8	.4								3.7	7.1
NNW	.6	1.7	.4	.4	.1							3.1	6.5
VARB			1.2	.6	.1							1.9	10.5
CALM												2.9	
	18.6	41.0	31.6	5.7	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1775 HOFENFELS AAF GE STATION NAME 74-81 YEARS MAP DATE 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLARE
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.1	.4									5.0	3.8
NNE	.6	2.5	1.7	.3								4.4	5.6
NE	1.4	1.5	1.1									4.0	5.0
ENE	.7	2.3	.4	.1								4.8	4.1
E	2.1	1.9	.5									4.5	4.4
ESE	.1	2.5	.4									5.2	3.9
SE	1.2	3.9	.6									5.3	4.5
SSE	2.1	2.9	.8									5.8	4.4
S	.7	2.6	.5									5.2	4.5
SSW	.2	2.8	1.3									4.8	5.3
SW	.5	4.4	2.1	.3								6.9	6.1
WSW	1.1	4.4	2.5	.5								8.7	6.1
W	1.1	4.2	6.2	1.0	.3							13.3	7.2
WNW	.1	2.4	4.4	1.1								8.2	8.7
NW	.9	1.8	1.1	.1								3.9	5.9
NNW	.2	2.7	.3									3.4	4.6
VARBL		.1	1.5	.4								2.4	9.1
CALM												4.3	
	22.9	43.7	25.1	3.8	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0715 HUFENFELS AAF GE STATION NAME 74-93 YEARS MAR MONTH
ALL WEATHER CLASS ALL MOSES (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	.5									3.8	4.2
NNE	.9	2.1	.9	.1								4.1	5.2
NE	.9	1.5	.9	.7								3.2	5.3
ENE	1.4	1.3	.7	.1								3.9	4.5
E	.9	1.6	.5									4.2	4.5
ESE	1.9	2.1	.4									4.4	4.6
SE	2.3	2.9	.4									5.9	4.1
SSE	1.7	2.2	.7									4.5	4.3
S	1.8	2.5	.5									4.8	4.3
SSW	.1	2.5	1.5	.1								5.2	5.4
SW	.0	3.1	2.7	.2								6.2	5.9
WSW	1.7	3.3	2.7	.4								8.3	6.1
W	1.7	4.1	4.2	1.2	.1							11.9	7.0
WNW	.2	1.6	3.2	.9								6.5	7.6
NW	1.2	1.7	1.3	.2								4.0	5.8
NNW	2.1	1.5	.3	.1	.7							4.1	4.0
VARS		.1	.9	.3	.1							1.4	9.8
CALM												13.8	
	23.5	36.4	22.3	3.6	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3356

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1715 HEMFELS AAF GE STATION NAME 74-82 YEARS ADD
CLASS ALL WE 2 0600-0800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	2.3	.4									8.5	3.3
NNE	1.7	2.1	.7									4.1	4.3
NE	.7	2.4	.9									2.5	4.7
ENE	.7	.8	.1									1.6	3.9
E	.2	.5	.1									1.5	3.2
ESE	.1	.4										1.4	2.8
SE	.1	.9										2.5	3.0
SSE	1.4	.6										.2	2.6
S	2.7	.5										3.2	2.5
SSW	1.7	.9	.5	.2								2.8	4.8
SW	1.2	1.1	1.7									3.5	5.0
WSW	1.4	2.3	.9									5.1	4.7
W	2.7	3.3	2.7	.6		.1						9.3	5.8
WNW	2.1	2.5	1.2	.1	.1							5.5	5.1
NW	3.7	2.1	.7	.1	.1							6.8	4.2
NNW	7.2	4.3	.5	.1								12.6	3.5
VARBL			.5									.5	8.8
CALM												26.5	
	35.2	25.8	10.3	1.2	.2	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 857

FEDERAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1715 HCHENFELS AAF GF STATION NAME 74-83 YEAR APR MONTH 933-1120 NUMBER (L & F)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	3.5	1.7	.1								7.1	4.8
NNE	1.0	4.5	1.2									2.2	5.0
NE	1.7	2.7	1.3	.1								5.3	5.2
ENE	1.2	3.7	1.7	.2								6.3	5.4
E	1.5	3.1	2.2									6.9	5.4
ESE	1.5	3.0	1.4									5.9	5.1
SE	1.5	2.9	1.5									6.0	4.9
SSE	1.4	1.6	.1									3.1	3.8
S	1.0	1.2	.6									2.8	4.3
SSW	1.0	1.0	.2									2.9	4.5
SW	.9	2.7	1.4									4.9	5.5
WSW	1.6	3.4	2.4									7.4	5.6
W	.9	3.3	4.5	.9		.1						9.7	7.4
WNW	.1	2.2	2.6	.6		.1						5.8	7.4
NW	.7	1.5	1.4	.7	.1							4.4	7.1
NNW	1.5	2.1	1.0	.1								5.6	5.4
VARBL			3.3									3.3	8.2
CALM												5.3	
	20.2	42.4	29.1	2.8	.1	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 860

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7715 HCHENFELS AAF GF STATION NAME YEARS 74-83 MONTHS APR
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.6	1.6									7.9	5.3
NNE	.9	4.2	2.3	.1								7.5	5.6
NE	.2	2.1	1.5									4.8	5.4
ENE	1.5	3.1	2.3									7.1	5.8
E	1.3	3.0	1.4									6.6	5.2
ESE	.7	1.9	1.4									4.2	5.7
SE	.7	2.6	1.2	.1								4.6	5.6
SSE	.7	2.4	.7									3.8	5.2
S	1.1	1.7	.1									2.9	4.1
SSW	.5	2.3	1.5	.1								4.1	5.7
SW	.2	1.7	1.3	.6								4.5	6.4
WSW	1.1	3.8	1.9	.1	.1							7.0	5.9
W	.7	4.2	3.5	1.3								9.6	7.1
WNW	.7	2.3	2.6	1.5	.2	.1						7.8	8.8
NW	.9	2.1	2.5	.2								5.0	6.3
NNW	.8	1.6	1.6	.5								4.5	6.8
VARBL			4.5	.1								4.6	8.6
CALM												3.7	
	15.3	44.6	31.2	4.6	.1	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 WHELFELS AAF GE 74-83 APR
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	1.3									6.6	4.8
NNE	1.3	4.1	1.9									7.4	5.3
NE	1.6	2.9	2.7	.2								6.4	5.9
ENE	1.5	1.4	1.5									4.5	5.1
E	1.7	2.6	1.7									5.3	4.8
ESE	1.3	2.8	1.9	.1								6.0	5.5
SE	1.4	2.2	1.7									4.8	5.0
SSE	.9	1.5	.7									3.1	4.7
S	1.3	1.6	.5									3.5	4.2
SSW	1.7	2.7	.5	.1								3.6	4.7
SW	.5	2.1	1.7									3.8	5.6
WSW	.3	3.7	1.6	.3								5.3	6.4
W	.7	4.4	4.1	.9	.3							10.5	7.3
WNW	.9	2.2	5.7	.1	.1							8.4	7.2
NW	.5	1.4	2.1	.3	.2							4.7	7.5
NNW	1.7	2.4	2.1	.3								6.6	5.8
VARA	.1	.3	3.4	.6								4.9	8.5
CALM												4.4	
	19.0	40.3	32.4	3.1	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 HCHENFELS AAF GE STATION NAME 74-83 YEARS APP 0000
ALL WEATHER CLASS ALL MONTH (C.Y.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	3.5	1.1	.0								7.6	4.6
NNE	1.3	3.7	1.5	.0								6.6	5.2
NE	1.0	2.3	1.7	.1								8.7	5.8
ENE	1.7	2.7	1.3	.1								4.9	5.2
E	1.4	2.5	1.2									5.1	5.6
ESE	.1	2.0	1.2	.0								4.8	5.2
SE	1.3	2.2	1.0	.0								4.5	4.9
SSE	1.2	1.5	.4									3.1	4.3
S	1.5	1.3	.3									3.1	3.8
SSW	1.2	1.5	.7	.1								3.3	5.0
SW	.9	1.9	1.3	.1								4.2	5.6
WSW	1.1	3.3	1.7	.1	.2							6.2	5.7
W	1.2	3.2	3.7	.9	.1	.1						9.8	6.9
WNW	1.7	2.2	2.8	.6	.1	.1						6.8	7.1
NW	1.5	1.7	1.5	.3	.1							5.2	6.1
NNW	2.9	2.6	1.6	.3								7.3	4.8
VARBL	.7	.1	3.0	.2								3.3	8.8
CALM												10.0	
	22.5	38.3	25.8	2.9	.3	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1715 STATION NAME HOHENFELS AAF GE YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.2										6.5	3.0
NNE	2.1	2.2	.7	.1								4.7	4.4
NE	1.4	2.0	.8									4.1	4.6
ENE	.9	1.5	.3									2.8	4.4
E	2.2	.2	.1									2.5	2.5
ESE	2.6	1.0	.1	.1								3.9	3.3
SE	1.0	.9	.1									4.0	2.7
SSE	1.4	.8										2.2	2.9
S	2.2	.7	.1									3.0	3.1
SSW	1.7	1.7	.1									2.9	4.0
SW	1.7	2.6	.5									4.1	4.7
WSW	1.5	1.4	.5	.1								3.6	4.5
W	2.6	3.2	1.4	.5								7.7	5.2
WNW	2.2	2.8	.7									5.6	4.2
NW	1.0	1.5	.2									4.7	3.5
NNW	1.4	1.4										6.8	2.5
VARB.			.1									.1	7.0
CALM												31.3	
	36.2	25.9	5.9	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 871

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 HOMERFIELD AAF GE STATION NAME 74-81 YEARS MAY
CLASS ALL WEATHER 0900-1800
CONDITION 0900-1800

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.5									3.2	4.3
NNE	1.5	2.9	1.9	.5								6.2	5.8
NE	1.4	1.7	2.7	.3								5.8	6.2
ENE	1.4	3.2	.8	.5								5.8	5.5
E	1.7	2.3	1.2									6.2	4.6
ESE	3.5	4.1	2.1									9.8	4.6
SE	2.7	3.0	1.9									7.1	5.0
SSE	1.5	2.5	.3									4.3	4.3
S	1.1	2.3	.3									3.7	4.3
SSW	1.4	2.1	.8									4.3	4.8
SW	.8	1.5	1.8									4.1	6.0
WSW	.9	2.5	1.9	.2								5.9	5.9
W	1.6	5.3	3.5	.5								10.8	6.0
WNW	.6	3.3	2.0									5.9	5.9
NW	.9	2.1	.6									3.5	4.6
NNW	1.5	2.1	.3									4.0	4.2
VARB		.1	.7	.7								1.5	9.6
CALM												8.9	
	21.3	43.3	22.1	2.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1715 HEMFELS AAF GE 74-83 MAY
STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	1.1									4.6	5.0
NNE	1.5	3.0	1.6	.2								6.3	5.6
NE	.9	1.1	1.8	.5								4.3	6.4
ENE	.9	1.5	1.1	.3								3.7	6.2
E	1.7	2.5	1.4	.2								5.7	5.0
ESE	1.4	3.9	2.1	.1								7.4	5.2
SE	1.4	3.2	1.7	.2								6.4	5.6
SSE	.9	3.7	1.1									5.6	5.2
S	1.4	2.4	.8									4.5	4.5
SSW	.9	2.7	.9	.1								4.4	5.3
SW	.7	1.8	1.6	.2								4.3	6.1
WSW	1.0	3.7	1.9	.1								7.1	5.5
W	.6	5.7	3.7	.6								9.8	6.4
WNW	1.1	4.7	3.3	.6								9.7	6.1
NW	1.2	2.3	.9	.1								4.5	5.3
NNW	1.1	2.9	.5									4.6	4.7
VARBL			2.7	.6								3.3	8.9
CALM												3.7	
	17.7	46.6	28.2	3.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17715 HOFENFELS AAF GF 74-83 MAY
STATION STATION NAME YEAR
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.6	1.2									5.0	4.5
NNE	1.2	4.3	1.4	.1								6.9	5.3
NE	1.5	2.5	2.6	.9								7.7	6.8
ENE	.7	1.5	2.1	.1								4.4	6.2
E	.9	1.5	.9	.1								3.3	5.0
ESE	1.7	2.9	1.7									5.6	4.9
SE	1.4	2.5	2.3	.3								6.9	5.7
SSE	1.4	1.4	.7									3.4	4.6
S	2.4	2.4	.5									4.9	4.0
SSW	1.2	2.4	.7									4.3	4.5
SW	.9	2.1	.9	.1								4.7	5.4
WSW	1.2	2.5	1.6	.1								5.4	5.5
W	1.7	3.4	4.5	.1								10.5	6.7
WNW	.3	4.3	4.7	.3	.1							1.3	6.8
NW	1.2	2.5	1.2	.1	.1							5.4	5.8
NNW	1.5	3.3	1.4	.1								5.8	5.3
VARBL			1.0	.8								1.8	10.5
CALM												5.8	
	21.2	45.9	28.6	4.1	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7715 HOFENFELS AAF GE STATION NAME 74-83 YEAR MAY
CLASS ALL WEATHER MONTH ALL
CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.9	.7									4.7	4.1
NNE	1.5	3.1	1.2	.2								6.2	5.2
NE	1.7	1.7	1.4	.4								5.2	6.2
ENE	.9	1.9	1.1	.2								4.2	5.6
E	1.4	1.9	.9	.1								4.4	4.5
ESE	2.3	3.0	1.4	.1								6.7	4.7
SE	2.1	2.4	1.5	.1								6.1	5.0
SSE	1.2	2.1	.5									3.9	4.5
S	1.7	1.9	.4									4.0	4.0
SSW	1.1	2.2	.6	.7								4.0	4.7
SW	.4	2.0	1.2	.1								4.1	5.6
WSW	1.7	2.5	1.5	.1								5.4	5.5
W	1.6	4.2	3.3	.6								9.7	6.1
WNW	1.2	3.8	2.7	.2	.0							7.9	6.0
NW	1.5	2.1	.7	.1	.0							4.4	4.8
NNW	2.2	2.4	.6	.0								5.3	4.1
VARBL		.0	1.1	.5								1.7	9.5
CALM												12.3	
	24.4	39.1	21.2	2.8	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7715 HONOLULU AAF GE 74-83 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0600-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	1.8	.3									6.6	3.0
NNE	1.3	1.4	.1									2.9	3.5
NE	.9	.9										1.8	3.1
ENE	.8	.5										1.3	2.9
E	1.4	.5										1.8	2.7
ESE	1.5	.6	.1									2.2	2.8
SE	1.5	.8										2.3	2.8
SSE	2.3	.5	.1									2.9	2.8
S	1.7	.6	.1									2.4	2.6
SSW	.6	1.7	.2									1.8	4.4
SW	.7	1.4	.5									2.5	4.8
WSW	2.7	2.5	.7									5.2	4.6
W	3.1	5.4	3.3	.1								12.0	5.2
WNW	1.3	4.2	2.8	.2								8.9	5.5
NW	2.5	2.4	1.3	.1								6.3	4.5
NNW	5.7	1.8	.8									7.6	3.3
VARBL			.2	.2								.5	11.3
CALM												31.0	
	31.6	26.2	10.6	.7								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1715 HCHENFEL AAF GE 74-83 YEARS JUN 1980
STATION NAME CLASS ALL WEATHER HOURS 900-1100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	.9									5.0	4.6
NNE	1.5	2.0	.9									5.3	4.8
NE	1.2	1.5	.3									3.6	4.0
ENE	1.3	1.5										2.8	3.7
E	2.3	2.3	.5									5.1	3.9
ESE	2.2	2.7	.3									5.9	3.9
SE	2.4	4.	.3									6.8	4.2
SSE	2.0	1.7	.1									4.7	3.5
S	1.6	2.1	.3									4.7	3.7
SSW	1.5	1.7	.6									3.8	4.3
SW	.9	1.7	.6									3.2	4.8
WSW	2.1	4.8	2.8	.1								9.8	5.9
W	1.4	4.5	5.5	1.2								12.6	6.9
WNW	1.0	3.5	3.6	.5								8.5	6.6
NW	1.4	2.4	1.8	.3								6.2	6.0
NNW	1.3	2.7	.7	.1								4.7	5.0
VARBL			2.2	.5								2.7	9.9
CALM												6.0	
	27.4	42.5	21.5	2.7								100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1715 1715 AAF GE 74-83 1111
STATION STATION NAME YEAR MONTH
ALL WEATHER 1200-1800
CLASS HOUR (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	1.1									5.5	5.0
NNE	0.8	3.8	1.1									5.8	5.3
NE	0.7	0.7	0.1	0.1								1.6	4.8
ENE	0.5	2.1	0.5									3.1	4.9
E	1.5	3.0	0.1									4.6	3.9
ESE	0.6	2.9	0.8									4.2	4.9
SE	1.1	3.2	0.5	0.1								5.0	4.8
SSE	1.3	2.0										4.1	4.4
S	1.3	2.0	0.1									4.2	4.1
SSW	1.0	2.6	1.0									4.7	5.4
SW	0.8	2.3	1.3									4.3	5.7
WSW	1.5	3.0	2.1	0.3								7.0	5.6
W	1.5	5.9	7.3	0.3								15.2	6.7
WNW	1.1	3.7	4.5	0.7	0.1							11.1	7.0
NW	1.0	3.1	1.5	0.3								6.2	5.7
NNW	1.0	3.8	1.0	0.1								6.6	5.1
VARBL			2.9	1.3	0.1							4.2	10.4
CALM												3.5	
	18.1	48.8	26.1	3.3	0.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 STATION NAME WICHENFELS AAF GE YEARS 74-83 MONTH JUN
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.0	1.7									5.9	4.8
NNE	1.1	3.0	1.6									5.7	5.2
NE	.7	2.2	.5									3.3	4.8
ENE	.2	.8	.6	.1								2.4	4.8
E	.7	2.2	.1									4.2	3.8
ESE	.1	1.4	.1									2.8	4.4
SE	1.4	2.0	.7									4.0	4.5
SSE	.2	1.1	.2									2.2	4.1
S	.2	2.1	.1									3.1	4.1
SSW	.2	2.2	.3	.1								3.4	4.8
SW	.2	2.4	1.1									5.4	4.7
WSW	.1	4.0	1.4	.1								7.6	4.7
W	.2	5.4	4.9	.6								13.8	6.0
WNW	2.5	4.7	7.1	.2								13.9	6.2
NW	1.4	3.8	3.3	.3								8.8	6.1
NNW	1.4	3.2	.9	.1								5.6	5.0
VARBL			2.7	.7								2.6	9.8
CALM												5.2	
	23.3	42.7	26.5	2.3								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7.5 HENEFIELD AAF GE STATION NAME YEARS 78-83
ALL WEATHER CLIM
CONDITION
JUN 1983
ALL 11 HOURS (L.S.V.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.5	1.9									5.7	4.3
NNE	1.2	2.8	1.2									4.9	4.8
NE	1.7	1.3	1.2	1.7								2.4	4.2
ENE	1.9	1.2	1.3	1.7								2.4	4.2
E	1.8	2.2	1.2									3.9	3.7
ESE	1.5	1.9	1.4									3.8	4.1
SE	1.6	2.5	1.4	1.7								4.5	4.2
SSE	1.7	1.6	1.1									3.5	3.7
S	1.4	1.9	1.2									3.8	3.8
SSW	1.1	1.9	1.5	1.7								3.4	4.8
SW	1.1	2.7	1.9									3.9	5.0
WSW	1.7	3.6	1.7	1.1								7.4	5.1
W	2.2	5.3	5.3	1.5								13.8	6.2
WNW	1.5	3.8	4.5	1.5								11.3	6.8
NW	1.6	2.9	2.0	1.1								6.8	5.8
NNW	2.3	2.9	1.9	1.1								6.1	4.5
VARBL			1.0	1.7	1.7							2.5	10.0
CALM												11.4	
	25.1	4.1	21.2	2.2	1.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1715 1715 HOFENFEL AAF GF 74-93 1001
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	3.3	1.2										5.0	2.6
NNE	.3	.6	.1									1.0	4.0
NE	.7	.2										.9	2.8
ENE	1.1	.9										1.9	3.1
E	1.4	.2										1.6	2.3
ESE	1.7	.1										1.4	2.5
SE	1.7	.3	.7									2.3	2.7
SSE	1.4	.6										2.0	2.9
S	1.1	1.1	.1									2.2	3.7
SSW	1.2	1.1	.3									2.6	3.9
SW	1.7	1.6	.3									3.3	4.2
WSW	2.4	3.6	1.2	.1								7.3	4.5
W	4.4	6.4	3.3									14.1	4.9
WNW	1.1	2.8	3.1									9.0	5.1
NW	2.6	1.7	1.0	.1								5.5	4.2
NNW	4.0	2.2	.7									7.7	3.4
VARBL			.7									.2	6.5
CALM												32.0	
	32.6	24.6	10.6	.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17.5 HCHENFELS AAF GF STATION NAME 74-83 YEARS ALL
CLIM 1960-1980
HOURS (LST) ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	.6									5.2	3.7
NNE	1.3	2.2	.2									3.8	4.1
NE	1.7	1.7	.1									2.1	3.8
ENE	2.2	1.9	.1									4.2	3.4
E	2.5	1.9	.4									4.8	3.6
ESE	4.2	2.1										6.3	3.1
SE	1.2	1.5	.7									3.8	4.7
SSE	2.7	1.6										3.6	3.2
S	1.7	1.9	.4									4.0	4.2
SSW	.3	2.5	.9									4.2	5.2
SW	.9	2.0	1.1									4.0	4.8
WSW	1.3	4.9	2.8									9.1	5.7
W	2.7	7.4	6.4	.8								16.6	6.8
WNW	1.5	3.9	5.6	.2								11.4	6.6
NW	.4	2.0	2.0	.6								5.1	6.5
NNW	.9	2.7	1.1									4.6	5.2
VARB		.1	.9	.3								1.3	9.5
CALM												6.2	
	26.3	42.1	23.5	1.9								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2715 HCHENFEL AAF GF STATION NAME 74-83 YEARS JULI MONTH
ALL WEATHER CLASS 12.0-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.5	.2									3.3	3.9
NNE	2.4	2.0	.4									4.8	3.9
NE	.2	.6	.2									1.6	4.0
ENE	1.7	1.7	.9									4.3	4.6
E	1.9	2.4	.2									4.4	4.0
ESE	2.1	1.2	.1									3.5	3.5
SE	.7	1.5	.2									2.4	4.6
SSE	1.7	2.4	.1									4.2	3.8
S	1.3	1.3	.6									3.3	4.5
SSW	.2	1.7	.7	.1								3.4	5.4
SW	.2	1.2	1.7									3.5	5.5
WSW	1.2	4.2	3.5									8.9	6.0
W	1.9	7.1	6.6	.9								16.5	6.5
WNW	1.7	6.3	7.1	1.0	.1							16.2	6.7
NW	.9	3.3	3.7	.6								8.4	6.6
NNW	.6	3.7	1.8	.2								5.6	6.1
VARBL	.2	2.4	.2	.1								2.9	8.6
CALM												3.1	
	22.1	41.4	10.1	3.0	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17.5 HCHENFELS AAF GE STATION NAME 78-83 YEARS 111 MONTHS
CLASS ALL WEATHER HOURS (L.S.T.) 15,0-1700
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.3	1.1									5.0	4.7
NNE	.3	1.4	1.2	.1								3.5	5.4
NE	.7	1.2	.1									2.2	3.7
ENE	.7	2.0	.2									2.9	4.4
E	1.5	1.3	.1									2.9	3.6
ESE	1.4	1.2	.1									3.4	4.1
SE	.7	1.9	.1									2.9	4.2
SSE	1.5	1.4	.2									3.2	3.8
S	1.5	1.4	.2									3.2	3.6
SSW	1.1	1.8	.7									3.5	4.4
SW	.7	1.9	1.6									4.4	5.5
WSW	1.0	3.6	2.3	.1								4.4	5.5
W	1.5	7.0	6.1	.5								15.2	6.3
WNW	1.1	6.1	6.9	.6								14.6	6.7
NW	.2	5.6	3.2	.1								9.7	6.0
NNW	1.0	4.2	2.3									8.1	5.5
VARBL			1.2	.8								2.0	4.8
CALM												5.3	
	19.9	44.9	27.7	2.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1715 HOFENFELS AAF GE 74-83 JULI
STATION MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.9	.5									4.6	3.7
NNE	1.2	1.6	.5	.0								3.3	4.3
NE	.9	.7	.1									1.7	3.7
ENE	1.4	1.6	.7									2.3	4.0
E	1.9	1.5	.2									3.5	3.6
ESE	2.3	1.3	.1									3.7	3.4
SE	1.1	1.3	.3									2.7	4.1
SSE	1.7	1.5	.1									3.2	3.5
S	1.4	1.4	.3									3.2	4.0
SSW	1.0	1.7	.7	.0								3.4	4.8
SW	1.0	1.7	1.1									3.8	5.0
WSW	1.7	4.1	2.5	.1								8.3	5.5
W	2.5	7.0	5.6	.5								15.6	6.1
WNW	1.9	4.8	5.7	.5	.0							12.8	6.4
NW	1.2	3.1	2.5	.3								7.2	5.9
NNW	1.9	3.0	1.5	.1								6.5	5.0
VARBL		.1	1.2	.3	.0							1.6	9.2
CALM												11.5	
	25.2	38.3	23.0	1.9	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

107715 HCHENFELS AAF GE 78-83 AUG
STATION MONTH YEAR
ALL WEATHER CLASS 600-7800
MOON (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	1.4	.1									5.1	2.9
NNE	.2	1.0	.1									1.9	3.8
NE	.2	.1	.1									.6	1.8
ENE	.9	.3	.1									1.3	3.3
E	1.1	.5										1.6	2.5
ESE	1.1	.9	.1									2.1	3.3
SE	.3	.2										1.0	2.7
SSE	1.5	.2										1.7	2.3
S	1.4	.3	.2									1.9	2.9
SSW	1.1	.5										1.6	2.9
SW	1.1	.9	.1									2.1	3.3
WSW	2.1	1.1	.1									3.3	3.3
W	5.7	4.2	1.3	.1								10.6	3.9
WNW	3.2	3.3	1.1	.1								7.6	4.3
NW	3.5	2.4	.9	.1								6.8	4.2
NNW	4.9	1.1										6.1	2.6
VABSL													
CALM												44.8	
	32.3	18.5	4.1	.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17715 MOHENFELS AAF GF 74-83 AUG
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1950-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.9	.1									5.0	3.9
NNE	2.3	2.7	.3									4.7	3.8
NE	1.2	.6	.7									2.7	3.5
ENE	2.2	2.0	.3									4.6	3.9
E	5.0	4.1	.3									9.5	3.4
ESE	4.1	3.3	.7									8.1	3.7
SE	2.7	3.7	.7									7.0	4.2
SSE	2.3	1.6	.1									4.0	3.4
S	1.4	.9	.2									2.6	3.3
SSW	1.2	1.8	.2									3.2	4.2
SW	1.4	2.2	.7									3.9	4.7
WSW	2.6	3.4	1.1									7.1	4.4
W	1.9	5.3	2.7	.6								10.5	5.4
WNW	1.9	3.1	2.7	.3								8.0	6.0
NW	1.7	2.2	1.7	.1								5.0	5.8
NNW	.9	1.3	.3									2.6	4.1
VARB		.1	.4	.2								.8	8.7
CALM												10.9	
	34.5	40.5	12.9	1.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

107715 HCHENFELS AAF GF 74-83 AUC
STATION STATION NAME YEARS MONTH
ALL WEATHER 12-0-1400
CLAS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.9	2.7	.4									4.9	4.2
NNE	1.3	2.9	.8									4.9	4.6
NE	.9	.7	.7									2.2	4.7
ENE	1.3	2.2	.6									4.5	4.2
E	1.1	2.9	.9	.1								7.0	4.3
ESE	2.5	3.1	.9									6.4	4.2
SE	.9	3.9	.9									5.6	5.0
SSE	2.9	2.8	.3									5.9	3.8
S	2.2	2.3	.2									4.8	3.9
SSW	1.5	2.3	.2	.1								4.2	4.4
SW	1.1	1.1	.1	.2								2.5	4.6
WSW	1.2	2.3	2.5									6.7	5.3
W	2.3	4.9	4.4	.3								11.8	6.2
WNW	.7	4.6	4.9	.4								10.6	6.9
NW	.4	2.4	2.5	.1								5.5	6.2
NNW	1.7	2.0	.7									4.3	4.1
VARBL			1.7	.3								1.3	4.8
CALM												6.7	
	26.9	42.8	21.9	1.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 107715 HOFENFELS AAF GE STATION NAME 74-83 YEARS AUG MONTH 1500-1700
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.7	1.0									6.1	4.3
NNE	1.3	2.3	.7									4.8	4.4
NE	1.4	1.6	.2									3.2	4.0
ENE	1.3	2.2	.3	.1								3.9	4.5
E	2.4	3.3	.8									6.5	4.3
ESE	1.9	3.6	.5									6.0	4.3
SE	1.1	2.1	.3									3.6	4.0
SSE	2.2	1.9	.1									4.2	3.5
S	.0	1.4	.3									2.6	4.0
SSW	1.1	1.7	.3									3.2	4.2
SW	1.1	2.1	.5									3.7	4.4
WSW	2.2	3.0	1.5	.1								6.8	4.9
W	1.4	6.3	3.6	.6								11.8	6.1
WNW	2.4	6.6	4.6	.2		.1						14.0	6.0
NW	.7	3.4	2.3	.2								6.6	6.1
NNW	2.5	2.5	.7									5.7	4.2
VARBL			1.0									1.0	8.3
CALM												6.3	
	26.8	46.7	18.8	1.3		.1						120.0	4.6

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17715 Hohenfels AAF GF 74-83
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
AUG
1977
ALL
NOV 83 (L.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	.8									5.3	3.8
NNE	1.6	2.7	.5									4.1	4.2
NE	1.1	.7	.3									2.2	4.0
ENE	1.5	1.7	.3	.0								3.6	4.1
E	2.9	2.7	.5	.0								6.2	3.8
ESE	2.4	2.7	.5									5.7	4.0
SE	1.4	2.5	.5									4.3	4.3
SSE	2.2	1.6	.1									4.0	3.4
S	1.2	1.2	.3									3.0	3.6
SSW	1.7	1.6	.2	.0								3.1	4.1
SW	1.1	1.5	.3	.1								3.0	4.8
WSW	2.2	2.5	1.7	.7								6.0	4.6
W	2.6	5.1	3.0	.4								11.2	5.5
WNW	2.0	4.4	3.3	.3		.0						15.0	5.9
NW	1.4	2.6	1.9	.1								6.0	5.5
NNW	2.5	1.7	.4									4.6	3.6
VARBL		.7	.6	.1								.8	4.6
CALM												17.1	
	30.1	37.2	14.5	1.1		.0						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17715 MOENFELS AAF GE STATION NAME 74-83 YEARS SEP MONTH 1600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	1.5	.1									5.6	2.8
NNE	1.2	.1										1.3	1.9
NE	.2											.2	2.0
ENE	.4	.2										.6	2.8
E	.9											.9	2.4
ESE	1.2	.2										1.5	2.4
SE	2.4	.2										2.7	2.6
SSE	1.1	.5										1.6	2.5
S	2.2	.9	.4									3.4	3.1
SSW	1.3	1.1										2.4	3.3
SW	1.5	1.3	.6									3.4	4.2
WSW	1.8	2.2	1.7									5.0	4.7
W	2.4	2.6	1.8	.1								7.9	5.1
WNW	2.4	2.9	2.2	.4								7.9	5.3
NW	3.7	1.7	.4									4.8	3.0
NNW	1.7	.6	.1									4.4	2.6
VARBL													
CALM												48.0	
	29.5	15.4	6.6	.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 715 HOFENFEL AAF GF STATION NAME 74-83 YEARS SEP 2000
CLASS ALL WEATHER
HOURS (L E V.) 900-1100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	.8									4.1	4.0
NNE	.7	1.3	.1									2.3	3.8
NE	1.7	.7	.3									2.7	3.6
ENE	1.7	1.3	.3									3.3	3.8
E	1.3	1.5	.2									5.0	3.0
ESE	4.3	3.3	.7									8.1	3.5
SE	3.7	4.6	.5	.1								8.8	4.0
SSE	2.4	3.2	.7									5.9	4.0
S	2.4	1.7	1.3									5.4	4.5
SSW	1.9	1.8	.6									4.2	4.2
SW	.7	2.1	1.9									4.7	5.8
WSW	.1	3.4	2.4	.1								8.1	5.5
W	1.6	3.4	3.0	.5								8.4	6.3
WNW	.6	2.5	3.2	.2								6.5	6.8
NW	1.1	1.1	1.3									3.5	5.2
NNW	1.4	.9	.6									2.7	3.9
VARBL			.7	.1								.8	8.7
CALM												15.5	
	31.5	34.1	17.8	1.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7715 HOFENFELS AAF GE YEARS 74-83 SFP SEP
STATION NAME ALL WEATHER MONTH 12-0-1400
CLIM CLIM HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.1	.5									3.4	4.1
NNE	1.7	2.1	.7									3.4	4.1
NE	1.7	1.0	.1									2.3	4.0
NNE	1.1	1.4										2.5	3.6
E	2.3	2.1	.7									4.0	3.5
ESE	2.2	2.9	.5									6.3	3.8
SE	1.7	3.1	.9									7.1	4.0
SSE	2.2	3.1	.9									7.1	4.0
S	1.9	4.1	1.0									7.0	4.7
SSW	1.9	2.4	1.4	.1								5.8	4.8
SW	.9	1.3	1.9	.1								6.1	5.7
WSW	1.4	3.9	3.1	.1								8.7	5.9
W	.9	5.1	1.9	.6								10.3	6.5
WNW	1.7	3.7	3.5	.9								9.1	6.2
NW	.9	2.2	1.7	.2								4.9	6.0
NNW	.7	1.3	.3									2.3	4.7
VARBL			1.7	.5								2.2	9.0
CALM												7.1	
	26.1	42.4	21.9	2.5								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1715 HAHNFEELS AAF GE STATION NAME 74-83 YEARS SEP MONTH 15-0-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.2									3.3	3.6
NNE	.6	1.4										2.1	4.1
NE	1.5	1.8	.5									4.1	4.3
ENE	1.5	1.7	.1									3.4	3.5
E	1.1	.6										3.7	2.6
ESE	2.5	2.2	.1									4.8	3.5
SE	2.4	3.4	.4									6.1	3.9
SSE	3.5	3.1	.5									7.1	3.8
S	2.2	2.2	1.5									6.5	4.5
SSW	1.4	1.7	.6									3.7	4.3
SW	1.7	2.3	1.2	.1								5.3	4.9
WSW	1.4	3.5	1.2	.2								7.1	5.5
W	2.7	4.8	4.6	.7								12.8	6.1
WNW	1.7	4.6	3.1	.6								9.9	6.1
NW	1.0	3.6	1.4									7.1	4.8
NNW	1.4	1.2	.8									4.1	4.8
VARBL			.4		.1							.5	10.0
CALM												9.2	
	31.7	4.6	16.7	1.7	.1							110.0	4.3

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1975 HCHENFELS AAF GE 74-83 SEP
STATION MONTH
ALL WEATHER
CLASS
CONDITION
ALL
MOON (L & V)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.3	.4									4.1	3.5
NNE	.9	1.2	.1									2.3	3.7
NE	1.2	.9	.7									2.3	3.9
ENE	1.2	1.1	.1									2.5	3.6
E	2.4	1.1	.1									3.6	3.0
ESE	2.4	2.2	.7									5.2	3.5
SE	2.9	2.8	.4	.7								6.2	3.8
SSE	2.5	2.5	.4									5.5	3.8
S	2.1	2.4	.9									5.5	4.3
SSW	1.5	1.8	.6	.7								4.1	4.3
SW	1.1	2.3	1.4	.1								4.9	5.2
WSW	1.7	3.3	2.1	.1								7.2	5.5
W	1.9	4.7	3.3	.5								9.6	6.1
WNW	1.4	3.4	3.7	.5								8.3	6.3
NW	1.7	2.0	1.2	.1								5.4	4.8
NNW	1.7	1.1	.5									3.3	3.8
VARBL			.7	.1	.7							.9	9.1
CALM												19.6	
	29.7	33.3	15.9	1.4	.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3402

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 107715 HCHENFELD AAF GF STATION NAME 74-83 YEARS OCT
ALL WEATHER CLIM 600-0000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	.6										4.4	2.3
NNE	2.2	.7	.1									3.0	2.8
NE	1.5	1.0										2.4	3.8
ENE	.7	.7										1.5	3.8
E	1.5	.2										1.7	2.3
ESE	2.7	.6	.1									3.4	2.8
SE	1.7	1.0	.5									3.3	3.9
SSE	1.9	.4										2.3	2.5
S	2.5	1.0										3.5	2.8
SSW	1.6	2.3	.7	.2								4.9	5.1
SW	1.2	1.9	1.6	.2								5.0	5.5
WSW	2.2	2.9	1.2	.1								6.4	4.8
W	3.9	2.4	1.2									7.4	4.0
WNW	1.7	2.3	.2	.1								4.4	4.8
NW	2.7	1.0	.2									3.9	3.0
NNW	4.0	.5	.2									4.7	2.6
VARBL			.4	.2	.1							.7	10.7
CALM												37.0	
	35.6	19.6	6.7	1.0	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1715 HOFENFELS AAF GE 74-83 OCT
STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION
1900-1100
MOON (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2										2.5	3.8
NNE	2.2	1.4	.6									4.2	4.1
NE	1.9	1.1	.4									3.3	3.8
ENE	1.3	1.8	.4									4.0	3.9
E	2.5	.7	.6									3.9	3.5
ESE	2.5	3.0										5.5	3.9
SE	3.4	3.9	.7									8.0	4.0
SSE	2.9	2.0	.4									5.2	3.5
S	3.3	1.9	.5									5.7	3.6
SSW	1.9	1.3	.4	.1								4.2	4.8
SW	1.4	2.8	1.7	.1								6.0	5.4
WSW	2.2	2.7	2.4	.2								8.1	5.8
W	2.9	4.3	3.1	.2								10.6	5.4
WNW	.3	1.8	.6	.1								3.4	5.3
NW	1.2	1.1	.4									3.1	4.7
NNW	1.8	1.3	.7									3.4	3.8
VARBL		.1	.4	.2								1.2	9.4
CALM												17.8	
	33.9	32.8	14.5	1.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127715 HOHENFELS AAF GF STATION NAME 74-83 YEARS 267
CLASS ALL WEATHER 12.0-14.00
CONDITION NOON (L.F.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	.1									3.0	3.6
NNE	2.3	1.3	.4									4.0	3.7
NE	.9	1.4	1.2	.1								3.5	5.6
NNE	1.4	2.7	.5									4.6	4.5
E	2.7	1.7	.6									5.0	3.8
ESE	3.7	4.9	.3									8.9	3.6
SE	4.2	4.2	.9									9.1	4.1
SSE	2.5	2.6	.5									5.6	4.1
S	2.7	2.8										5.1	3.8
SSW	2.2	2.3	.9	.1								5.5	4.5
SW	.9	2.8	2.7	.4								6.8	6.5
WSW	1.2	5.6	3.3	.8								11.9	6.3
W	1.4	3.6	3.6	.9								9.5	6.5
WNW	1.7	1.5	1.3									3.9	5.5
NW	.9	2.1	.4	.3								3.6	5.5
NNW	2.1	1.3	.1	.1								3.6	3.7
VARB			1.1	.3								1.3	10.1
CALM												6.2	
	31.3	41.7	17.8	3.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7715 STATION NAME HOHENFELS AAF GF YEARS 74-83 OCT
DATE
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.1	.1									3.5	3.1
NNE	2.1	2.1	.3									4.5	3.7
NE	1.5	1.1	.8									3.3	4.3
ENE	.9	1.7	.9									3.6	5.1
E	3.2	1.5	.3	.1								5.1	3.1
ESE	3.7	2.4										6.1	3.1
SE	3.5	3.1	.7									7.2	3.7
SSE	2.9	2.4										5.3	3.1
S	2.9	1.7	.3									4.9	3.3
SSW	2.7	2.1	.8									4.5	4.0
SW	1.7	2.3	1.7									5.7	5.0
WSW	.9	4.1	2.4	.1								7.6	5.9
W	2.9	3.7	2.7	.3								9.6	5.3
WNW	1.3	3.3	1.9	.1								6.7	5.5
NW	1.9	1.6	.7	.1								4.3	4.6
NNW	2.7	1.1	.3									3.3	3.5
VARB			.5	.3								.8	10.5
CALM												13.9	
	35.9	35.3	13.9	1.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 27715 STATION NAME HOHENFELS AAF GF YEARS 74-83 OCT
ALL WEATHER CLIM ALL
MONTH (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	.1									3.3	3.1
NNE	2.2	1.4	.3									3.9	3.6
NE	1.4	1.1	.5	.0								3.1	2.3
ENE	1.2	1.7	.4									3.4	2.3
E	2.5	1.0	.4	.0								3.9	3.3
ESE	2.1	2.7	.1									5.9	3.3
SE	2.1	3.0	.7									6.9	3.9
SSE	2.5	1.8	.2									4.6	3.5
S	2.9	1.8	.2									4.8	3.3
SSW	1.9	2.0	.7	.1								4.8	2.6
SW	1.3	2.5	1.9	.2								5.9	5.6
WSW	1.5	3.9	2.4	.3								8.2	5.8
W	2.3	3.5	2.6	.3								9.3	5.3
WNW	1.2	2.2	1.0	.1								4.5	5.2
NW	1.7	1.4	.5	.1								3.7	2.8
NNW	2.5	1.0	.2	.0								3.8	3.3
VARB		.0	.7	.3	.0							1.0	10.1
CALM												19.0	
	34.2	32.2	13.1	1.5	.0							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7141

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NO. 07715 STATION NAME HOHENFELS AAF GE YEAR 74-83 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.7	.1									3.0	3.0
NNE	1.7	1.7	.4									3.8	3.7
NE	.5	.8	.5	.1								2.0	5.4
ENE	.1	.1										.3	3.0
E	1.7	.4	.1									2.4	3.0
ESE	2.5	.8										3.3	2.7
SE	3.7	1.3	.1									5.2	3.0
SSE	2.9	1.5	.3									4.6	3.2
S	1.7	1.3	.1									3.2	3.3
SSW	1.6	1.7	.7									4.0	4.0
SW	1.1	4.0	.9									6.0	5.0
WSW	.5	2.5	2.1	.1								5.3	6.3
W	3.6	4.4	2.9	.4	.1							11.4	5.4
WNW	2.6	2.8	2.5	.5	.1							8.6	5.7
NW	2.1	.9	.7	.1								3.8	4.2
NNW	2.2	1.1	.3									3.6	3.4
VARBL			.9	.1	.1							.7	11.4
CALM												29.0	
	31.1	25.9	12.2	1.5	.4							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

107715 STATION NO. HCHENFELS AAF GE STATION NAME 7M-A1 YEARS NOV 1900-1900
ALL WEATHER CLIM
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3										4.0	3.8
NNE	1.3	2.0	.9	.1								4.3	4.2
NE	.7	1.7	1.0									2.7	5.5
ENE	.8	.9	.5									2.1	4.6
E	2.3	.9	.7									3.8	2.8
ESE	1.3	.8										4.0	2.6
SE	2.5	1.5										6.0	3.7
SSE	4.6	2.7	.1									7.4	3.8
S	2.5	1.7	.7									4.9	3.7
SSW	1.7	1.6	1.3									4.2	5.8
SW	.9	2.3	1.6									4.7	5.8
WSW	1.7	1.6	2.0	.1								7.4	5.8
W	1.9	4.3	4.2	1.0								11.8	6.5
WNW	2.0	2.9	2.6									7.4	5.4
NW	1.4	1.4	1.2									4.0	5.0
NNW	1.7	1.0										2.7	3.2
VARB			.1	.7								.8	11.7
CALM												17.2	
	30.3	34.3	15.7	2.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17715 HOFENFELS AAF GE STATION NAME 74-83 YEARS NOV MONTHS 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	.1									5.6	3.6
NNE	1.1	2.2	1.1									4.4	4.8
NE	1.0	1.2	1.0									3.2	5.1
ENE	1.5	.6	1.0	.1								3.2	4.7
E	2.9	1.5	.3									4.7	3.4
ESE	1.7	2.1	.1									6.0	3.2
SE	1.8	3.3	.6									5.7	4.3
SSE	1.7	3.5	.3									5.4	4.1
S	2.6	2.8	.4									5.8	3.8
SSW	.1	2.5	1.0									5.6	4.4
SW	.5	3.1	2.1	.6								6.2	6.9
WSW	2.1	3.5	2.9	.3								8.7	5.7
W	1.1	6.5	4.4	1.2								13.3	6.7
WNW	1.5	1.5	1.7	1.0	.1							5.8	6.8
NW	1.0	2.2	.8	.1								4.2	5.5
NNW	.7	1.9	.1									2.8	4.5
VARBL		.3	1.4	.3								1.9	8.6
CALM												7.4	
	28.6	41.0	19.3	3.6	.1							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 107715 HCHHEFFLS AAF GE STATION NAME 74-83 YEARS NOV
CLASS ALL WEATHER 15:00-1700
MOON (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.7										4.3	3.4
NNE	1.4	1.4	1.7									3.9	4.5
NE	1.6	1.4	.7	.4								4.2	5.0
NNE	2.2	.3										2.5	2.0
E	2.7	1.2	.1									4.0	2.9
ESE	2.5	1.4	.4									4.3	3.4
SE	2.9	3.9										6.6	3.6
SSE	2.7	1.6	.1									3.8	3.3
S	4.5	3.9	.1									8.5	3.4
SSW	2.7	2.2	.6									4.8	4.2
SW	1.5	2.5	1.3	.1								5.5	5.0
WSW	1.7	2.6	2.3	.1								6.9	5.6
W	3.0	4.9	3.3	1.9								13.9	6.1
WNW	2.7	2.3	1.7	.4								5.8	5.1
NW	1.2	1.9	.6	.1								3.8	4.9
NNW	1.5	1.9	.4									3.9	4.1
VARBL			.6									.6	9.3
CALM												12.8	
	36.2	35.1	12.7	3.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10/7/15 HOFENFELS AAF GF 74-83 NOV
STATION NAME YEARS
ALL WEATHER
CLASS
ALL
MOON (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.7	.1									4.5	3.5
NNE	1.5	1.8	.7	.1								4.1	4.3
NE	.9	1.1	.8	.1								3.2	5.2
ENE	1.1	.4	.4	.7								2.2	3.8
E	2.5	1.7	.2									3.6	3.0
ESE	1.7	1.3	.1									4.4	3.0
SE	2.7	3.7	.2									5.9	3.6
SSE	2.3	2.3	.2									5.3	3.5
S	2.9	2.3	.3									5.5	3.5
SSW	1.7	2.0	.9									4.6	4.5
SW	1.7	3.0	1.5	.2								5.6	5.6
WSW	1.5	3.1	2.3	.2								7.1	5.7
W	2.5	5.1	3.7	1.1	.0							12.6	6.2
WNW	2.7	2.4	2.7	.5	.1							6.9	5.8
NW	1.4	1.6	.8	.1								3.9	4.9
NNW	1.6	1.5	.2									3.2	3.8
VARBL		.1	.5	.3	.7							1.0	9.8
CALM												16.8	
	31.5	34.7	15.0	2.5	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NO. 100715 STATION NAME HOMEFELS AAF GE YEARS 78-83 REF REF
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.9	.1									2.1	3.1
NNE	.3	.9										1.6	3.3
NE	.3	1.0										1.8	3.3
ENE	.4	.3										.7	3.4
E	1.5	.7										2.3	2.7
ESE	1.5	1.0										2.6	3.1
SE	4.5	2.6	.1									7.3	3.1
SSE	1.5	2.5	.3									4.7	3.9
S	2.2	1.5	.5									4.2	3.8
SSW	1.5	2.1	1.1									4.7	4.6
SW	.3	3.3	1.6	.1								5.9	5.7
WSW	1.5	2.7	2.5	.1								7.1	5.6
W	2.5	4.0	3.8	1.2								11.5	6.8
WNW	2.2	2.7	2.3	.7								7.9	6.2
NW	1.5	1.2	.9	.1								3.7	4.7
NNW	1.6	1.1	.1	.1								3.0	3.5
VARBL				.5								.5	12.3
CALM												28.4	
	25.0	26.2	13.6	3.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 730

CLIPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 107715 HCHENFELS AAF GF STATION NAME 74-83 YEARS DEC MONTH
ALL WEATHER CLASS 1950-1970 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.1									2.5	3.7
NNE	1.1	.9										2.0	3.3
NE	1.1	1.1	.7									2.4	3.9
ENE	.2	.4										1.6	2.6
E	.1	1.1										3.2	3.0
ESE	.1	1.1										4.1	2.7
SE	3.5	2.9	.3									6.7	3.5
SSE	1.9	2.3	.4									4.5	4.0
S	7.7	1.9	.1									5.7	3.3
SSW	1.3	2.3	1.2									4.8	4.9
SW	1.3	2.9	2.4									6.7	5.6
WSW	2.4	2.7	3.6	.9								9.6	6.5
W	7.3	4.7	4.1	1.2	.1							13.5	6.1
WNW	1.2	1.9	1.9	.5								6.1	5.8
NW	1.5	.7	1.1	.1								3.3	4.8
NNW	.9	.9										1.6	3.3
VARBL		.1	.5	.4								1.1	9.6
CALM												20.5	
	31.5	28.7	16.0	3.2	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 750

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127715 HOHENFELS AAF GS 74-83 YEARS DEC
STATION NAME
CLASS ALL WEATHER 1200-1400
MOON (L.F.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	.1									2.0	4.5
NNE	1.1	1.7	.3									3.1	4.4
NE	2.5	.7	.7									4.0	3.8
ENE	1.1	2.0	.1									3.3	3.7
E	2.1	1.1										3.3	2.8
ESE	2.0	2.1	.1									4.8	3.5
SE	1.2	4.6	.7									9.3	3.9
SSE	2.0	3.7	.4									7.0	3.7
S	1.1	3.1	.6									6.8	3.9
SSW	.9	2.4	1.1									4.6	5.4
SW	1.4	2.8	1.4	.3								6.1	5.6
WSW	1.7	3.7	3.4	.7								9.5	6.4
W	2.3	5.8	5.1	1.9	.1							15.6	6.6
WNW	.6	1.7	1.9	1.4								5.6	7.8
NW	.4	1.2	1.1	.1								2.7	6.3
NNW	1.1	.6										1.9	2.8
VARBL		.1	.3	.1								.6	9.5
CALM												9.7	
	29.2	38.7	17.7	4.6	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 715 HOFENFEL AAF GE STATION NAME 74-87 YEARS DEC NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5										2.2	3.4
NNE	1.9	1.8										3.6	3.5
NE	1.1	1.0										2.4	3.3
ENE	1.0	.7	.3									2.5	3.5
E	2.4	.7										3.1	2.5
ESE	2.7	1.9										4.6	3.1
SE	4.3	3.7	.4									7.8	3.5
SSE	2.9	3.0	.1									6.0	3.5
S	2.9	1.8	.1									5.8	2.9
SSW	2.4	2.1	1.0									5.5	4.3
SW	2.1	2.8	1.6	.6								7.2	5.4
WSW	2.4	3.4	1.8	.3								7.9	5.2
W	5.4	4.8	4.0	1.5	.4							17.2	6.2
WNW	2.1	2.4	1.5	.6								6.6	5.5
NW	.9	1.2	.4									2.5	4.9
NNW	.7	.9										1.6	3.5
VARBL			.4	.1								.6	8.3
CALM												13.0	
	37.9	32.7	12.8	3.1	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 670

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1715 HOFENFELS AAF GF STATION NAME 74-83 YEARS DEC
CLASS ALL WEATHER ALL
CONDITION MOVES (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.1									2.2	3.7
NNE	1.2	1.3	.1									2.6	3.7
NE	1.4	.9	.2									2.6	3.6
ENE	1.1	.8	.1									2.0	3.4
E	2.1	.9										3.1	2.8
ESE	2.5	1.5	.1									4.0	3.1
SE	4.1	3.3	.4									7.7	3.5
SSE	2.3	2.9	.1									5.5	3.8
S	1.2	2.1	.4									5.6	3.5
SSW	1.5	2.2	1.2									4.9	3.8
SW	1.4	3.7	1.8	.2								6.5	5.6
WSW	2.1	3.1	2.0	.5								8.6	6.0
W	3.5	4.8	4.5	1.4	.2							14.4	6.3
WNW	1.7	2.2	1.9	.8								6.6	6.3
NW	1.1	1.7	.9	.1								3.1	5.1
NNW	1.1	.8	.0	.7								2.0	3.3
VARBL		.1	.3	.3								.7	9.9
CALM												18.1	
	31.2	32.0	15.7	3.5	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2852

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLE FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	5	≥ 4	≥ 3	≥ 2 1/2	2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE #1 - Value below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 1.4, obtained by subtracting 97.4 from 100.0.

EXAMPLE #2 - To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

These calculations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

77715 HCHENFELS AAF GF

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-7800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >160	26 GE9	25 GE8	24 GE6	23 GE48	22 GE4	21 GE32	20 GE24	19 GE20	18 GE16	17 GE12	16 GE10	15 GE8	14 GE6	13 GE4	12 GE2
20000		4.7	6.1	9.8	11.2	11.3	12.8	13.9	14.7	15.8	15.9	16.5	16.5	16.6	16.8	16.8
18000		5.2	6.5	10.3	11.7	11.8	14.0	15.0	15.9	17.0	17.2	17.8	17.8	17.9	18.0	18.0
16000		5.3	6.9	10.7	12.1	12.2	14.4	15.4	16.3	17.4	17.5	18.2	18.2	18.3	18.4	18.4
14000		5.5	7.1	13.8	12.2	12.3	14.5	15.5	16.4	17.5	17.7	18.3	18.3	18.4	18.6	18.6
12000		6.0	7.5	11.3	12.7	12.8	15.0	16.0	16.9	18.0	18.2	18.8	18.8	18.9	19.1	19.1
10000		6.5	8.0	11.8	13.2	13.3	15.8	16.8	17.7	18.8	18.9	19.6	19.6	19.7	19.8	19.8
9000		6.6	8.1	11.9	13.5	13.6	16.1	17.2	18.0	19.2	19.3	19.9	19.9	20.1	20.2	20.2
8000		7.1	8.8	12.7	14.6	15.1	17.7	18.7	19.6	20.7	20.8	21.5	21.5	21.6	21.7	21.7
7000		7.9	9.8	13.9	15.9	16.4	19.1	20.1	21.0	22.1	22.2	22.9	22.9	23.0	23.1	23.1
6000		7.9	9.8	13.9	15.9	16.4	19.2	20.2	21.1	22.2	22.4	23.0	23.0	23.1	23.3	23.3
5000		8.4	10.4	14.9	17.2	17.5	20.3	21.3	22.2	23.4	23.5	24.1	24.1	24.3	24.4	24.4
4500		8.5	10.7	15.2	17.7	18.2	21.0	22.0	22.9	24.0	24.1	24.8	24.8	24.9	25.0	25.0
4000		8.5	10.7	15.5	18.2	18.7	21.5	22.6	23.5	24.7	24.8	25.4	25.4	25.7	25.8	25.8
3500		8.5	10.9	16.8	19.4	19.9	23.1	24.3	25.2	26.4	26.6	27.2	27.2	27.4	27.6	27.6
3000		10.5	13.9	21.2	25.3	25.9	29.2	30.5	31.4	32.8	32.9	33.5	33.5	33.8	33.9	33.9
2500		11.8	15.1	23.6	28.8	29.6	33.2	34.4	35.3	36.7	36.8	37.5	37.5	37.7	37.9	37.9
2000		14.6	18.4	28.3	34.2	34.9	39.4	40.9	41.8	44.0	44.1	44.7	44.7	45.0	45.1	45.1
1800		15.1	19.6	30.2	36.2	37.0	41.6	43.8	44.7	47.1	47.3	47.9	47.9	48.2	48.3	48.3
1600		16.6	22.7	35.2	42.2	43.1	48.7	52.0	53.0	55.7	55.8	56.4	56.4	56.7	56.8	56.8
1400		17.8	24.4	38.0	46.4	47.4	54.8	58.7	60.0	63.2	63.3	64.0	64.0	64.5	64.7	64.7
1200		18.0	25.4	40.4	49.9	51.3	59.6	64.7	66.5	69.9	70.0	71.4	71.4	71.9	72.0	72.0
1000		18.2	25.5	40.5	50.6	52.0	61.6	67.3	69.3	72.8	72.9	74.3	74.3	75.0	75.1	75.1
900		18.3	25.8	41.4	51.8	53.2	63.8	70.8	72.9	77.6	77.8	79.2	79.2	79.8	79.9	79.9
800		18.3	25.9	41.8	52.2	53.6	64.9	72.7	75.7	81.7	82.2	84.2	84.2	84.5	85.6	85.6
700		18.4	26.0	41.9	52.4	53.7	65.3	73.1	76.1	82.1	82.8	85.0	85.0	85.4	86.5	86.5
600		18.4	26.0	41.9	52.5	53.9	65.4	74.0	77.3	84.1	85.1	87.3	87.3	88.2	89.6	89.7
500		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.0	87.2	90.0	90.0	90.7	92.2	92.4
400		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.5	91.4	94.2	94.3	94.3
300		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.5	91.9	95.3	96.1	96.2
200		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.6	92.1	95.9	97.3	99.1
100		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.6	92.1	95.9	97.3	100.0
0		18.4	26.0	41.9	52.6	54.1	65.8	75.1	78.4	86.1	87.4	90.6	92.1	95.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 787

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715
YEAR

MOHNFELT AAF GE
STATION NAME

75-84
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																OP (HUNDREDS OF METERS)													
	GE0	GE2	GE4	GE6	GE8	GE10	GE12	GE14	GE16	GE18	GE20	GE22	GE24	GE26	GE28	GE30	GE0	GE2	GE4	GE6	GE8	GE10	GE12	GE14	GE16	GE18	GE20	GE22	GE24	GE26
10000	5.4	6.4	9.7	11.1	11.2	12.6	14.3	14.9	15.4	15.4	15.7	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
8000	6.7	7.8	11.5	13.3	13.4	14.9	16.9	17.7	18.2	18.2	18.4	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
6000	6.9	8.1	12.0	13.8	13.9	15.4	17.4	18.2	18.7	18.7	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
4000	7.3	8.5	12.4	14.1	14.3	15.8	17.8	18.6	19.1	19.1	19.3	19.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
2000	7.8	9.1	13.0	14.8	14.9	16.4	18.6	19.3	19.8	19.8	20.1	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
1000	8.6	10.0	14.0	15.8	15.9	17.4	19.6	20.3	20.8	20.8	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
800	8.8	10.2	14.3	16.2	16.3	17.8	19.9	20.7	21.3	21.3	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
600	11.0	11.9	16.2	18.2	18.3	19.8	22.3	23.2	23.9	23.9	24.1	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
400	10.9	12.8	17.0	19.4	19.7	21.3	23.9	24.7	25.4	25.4	25.9	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
200	11.7	12.9	17.2	19.6	19.8	21.8	24.4	25.3	25.9	25.9	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
100	11.5	13.5	17.9	20.3	20.6	22.6	25.1	26.0	26.6	26.6	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
80	11.6	13.6	18.3	20.7	21.0	23.0	25.5	26.4	27.0	27.0	27.5	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
60	12.6	15.2	19.8	22.3	22.6	24.9	27.4	28.5	29.4	29.4	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
40	13.1	15.7	20.8	23.4	23.6	26.3	28.9	31.1	30.9	30.9	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
20	14.4	17.7	24.7	28.3	28.8	31.8	34.6	35.7	36.7	36.7	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
10	16.2	19.4	26.9	31.7	32.3	35.5	38.3	39.4	40.5	40.5	41.3	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
5	17.7	21.3	29.7	35.4	36.1	39.8	42.8	44.2	45.5	45.5	46.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
3	18.3	22.1	30.8	36.6	37.2	41.2	44.2	45.6	46.8	46.8	47.6	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
1	20.7	25.0	35.6	42.6	43.2	47.9	51.9	53.3	54.8	54.8	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
0	21.8	26.6	38.6	47.2	48.2	53.3	57.6	59.3	61.1	61.1	62.0	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
0	22.7	28.2	40.7	50.6	52.3	58.8	63.5	65.4	67.8	67.8	68.9	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0	23.0	28.4	41.0	51.8	53.4	60.4	65.7	67.7	70.3	70.3	71.6	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
0	23.4	29.7	42.3	53.8	55.4	63.6	69.6	72.3	76.1	76.1	77.4	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
0	23.7	29.4	42.7	55.3	57.2	65.8	73.4	76.9	82.1	82.6	84.6	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
0	23.7	29.4	42.8	55.4	57.3	66.4	74.4	78.4	84.2	84.8	87.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0	23.7	29.4	42.8	55.6	57.6	66.8	75.4	79.8	86.9	87.8	90.3	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0	23.7	29.4	42.8	55.6	57.6	66.9	75.5	80.1	87.8	88.8	92.0	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.6	94.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.6	94.4	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.7	94.7	97.2	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	23.7	29.5	42.9	55.7	57.7	67.0	75.6	80.2	88.0	89.1	92.7	94.7	97.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOFENFELS AAF GE

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-1400

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1000	6.9	7.8	11.7	14.2	14.2	15.5	16.6	17.1	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
900	9.4	10.4	14.8	17.7	17.7	19.1	20.9	21.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
800	9.6	10.5	15.2	18.1	18.1	19.5	21.6	22.5	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
700	9.7	10.6	15.4	18.3	18.3	19.9	22.0	22.9	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
600	9.8	10.8	15.5	18.5	18.5	20.1	22.1	23.0	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
500	10.2	11.3	16.4	19.7	19.7	21.4	23.5	24.4	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
400	10.4	11.5	16.7	19.9	19.9	21.7	24.0	24.9	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
300	11.7	13.5	18.7	22.5	22.5	24.3	26.5	27.5	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
200	12.7	14.4	19.7	23.7	23.7	25.5	28.2	29.1	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
100	12.7	14.4	19.7	23.7	23.7	25.5	28.3	29.2	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
0	13.5	15.5	20.9	24.9	24.9	27.0	29.8	30.7	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
1500	13.9	15.9	21.3	25.3	25.3	27.4	30.2	31.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
1400	14.6	17.0	23.0	27.1	27.1	29.1	31.9	33.4	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
1300	15.8	18.9	25.2	29.4	29.4	31.4	34.2	35.7	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
1200	18.2	21.7	29.2	34.9	35.0	37.2	40.2	41.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
1100	20.6	24.3	31.9	37.9	38.0	40.6	43.5	45.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1000	23.9	29.0	36.9	43.5	43.8	47.0	50.3	52.0	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
900	24.5	29.7	38.4	45.7	45.3	48.5	51.8	53.5	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2
800	26.0	30.9	41.9	50.3	50.7	55.1	58.6	60.4	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2
700	28.0	33.7	46.2	56.3	56.9	61.7	65.5	67.8	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0
600	30.9	36.8	50.0	62.0	62.8	69.0	74.0	76.8	80.5	80.6	80.9	81.1	81.3	81.3	81.3	81.3
500	31.7	37.9	51.6	64.6	65.8	73.0	78.4	81.8	85.8	86.0	86.4	86.7	86.9	86.9	86.9	86.9
400	31.7	37.9	51.6	66.0	67.3	74.8	81.4	85.6	90.6	90.7	91.2	91.5	91.8	91.8	91.8	91.8
300	31.7	37.9	51.6	66.2	67.4	75.1	82.2	86.7	91.9	92.3	92.9	93.1	93.4	93.4	93.4	93.4
200	31.7	37.9	51.6	66.3	67.5	75.2	82.3	87.1	92.9	93.4	94.5	95.0	95.6	95.6	95.6	95.6
100	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.3	95.8	97.2	97.8	97.8	97.8	97.8
0	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.5	96.2	97.6	98.7	98.7	99.1	99.1
	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.5	96.2	97.6	98.8	99.2	99.9	99.9
	31.7	37.9	51.6	66.3	67.5	75.2	82.5	87.2	93.5	94.5	96.2	97.6	98.9	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

USAF ETAC D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOFENFELS AAF GE

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

VISIBILITY	OR (HUNDREDS OF METERS)															
	GE90	GE80	GE60	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE03	GE02	GE01
1000	9.1	11.9	15.9	18.6	18.6	18.1	19.4	19.4	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
900	11.2	13.9	19.2	21.6	21.6	22.7	23.4	23.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5
800	11.2	13.9	19.5	21.9	21.9	22.3	24.0	24.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1
700	11.2	13.9	19.5	21.9	21.9	22.3	24.0	24.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1
600	11.6	14.8	20.4	22.7	22.7	23.2	24.8	24.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9
500	11.9	15.1	20.6	23.0	23.0	23.4	25.1	25.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2
400	12.6	15.8	21.5	24.7	24.7	24.4	26.2	26.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3
300	12.8	16.0	21.8	24.3	24.3	24.7	26.5	26.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6
200	14.5	17.9	23.8	26.9	26.9	27.3	29.6	29.6	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7
100	15.2	18.5	25.2	29.7	29.7	29.4	32.2	32.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3
50	15.3	18.7	25.4	29.1	29.1	29.6	32.4	32.4	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5
20	16.3	19.7	26.4	30.5	30.5	31.2	34.0	34.0	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3
10	16.3	19.7	26.4	30.5	30.5	31.2	34.0	34.0	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6
5	17.7	21.2	29.1	32.5	32.5	33.2	36.1	36.1	37.0	37.0	38.5	38.5	38.6	38.6	38.6	38.6
2	18.5	22.3	29.4	33.9	33.9	34.6	37.5	37.5	38.4	38.4	39.9	39.9	40.0	40.0	40.0	40.0
1	21.2	25.4	33.3	39.5	39.5	40.7	43.7	43.7	44.5	44.5	46.3	46.3	46.4	46.6	46.7	46.7
0.5	23.9	29.2	36.4	43.7	43.1	44.6	47.7	48.5	50.3	50.3	50.5	50.6	50.8	50.8	50.8	50.8
0.2	26.8	31.4	40.3	47.3	47.6	49.5	52.9	54.1	56.2	56.2	56.3	56.5	56.6	56.6	56.6	56.6
0.1	27.5	32.1	41.7	49.0	49.2	51.2	54.5	55.8	57.7	57.9	58.2	58.3	58.4	58.4	58.4	58.4
0.05	27.1	34.3	45.5	54.3	54.7	57.3	60.9	62.5	64.9	65.0	65.3	65.4	65.6	65.6	65.6	65.6
0.02	30.4	36.1	48.7	58.6	59.1	62.1	65.8	67.6	70.3	70.4	70.7	71.0	71.1	71.1	71.1	71.1
0.01	31.9	38.1	51.3	61.9	63.3	66.4	70.4	72.5	76.3	76.4	76.8	77.3	77.4	77.4	77.4	77.4
0.005	33.2	39.3	52.6	64.2	65.8	69.9	74.1	76.2	79.9	80.1	80.5	80.9	81.0	81.0	81.0	81.0
0.002	33.3	39.9	53.1	65.4	67.2	72.2	77.3	80.1	84.1	84.2	85.1	85.5	85.6	85.6	85.6	85.6
0.001	33.9	40.6	54.4	67.4	69.2	74.5	80.8	84.9	89.4	89.7	90.8	91.4	91.5	91.5	91.5	91.5
0.0005	34.2	40.9	54.8	68.2	70.0	75.5	82.0	86.3	90.9	91.2	92.3	92.9	93.0	93.0	93.0	93.0
0.0002	34.2	40.9	54.8	68.2	70.0	75.5	82.0	86.6	92.1	92.6	93.0	94.0	94.8	95.0	95.0	95.0
0.0001	34.2	40.9	54.8	68.2	70.0	75.5	82.0	86.6	92.1	92.6	93.0	94.0	94.8	95.0	95.0	95.0
0.00005	34.2	40.9	54.8	68.2	70.0	75.5	82.0	86.6	92.1	92.6	93.0	94.0	94.8	95.0	95.0	95.0
0.00002	34.2	40.9	54.8	68.2	70.0	75.5	82.0	86.6	92.1	92.6	93.0	94.0	94.8	95.0	95.0	95.0
0.00001	34.2	40.9	54.8	68.2	70.0	75.5	82.0	86.6	92.1	92.6	93.0	94.0	94.8	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 717

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1715
STATION

HOFENFELS AAF GE

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTH

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	10	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
1000	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
900	6.5	8.7	11.7	13.5	13.6	14.7	15.9	16.5	17.2	17.2	17.4	17.5	17.5	17.6	17.6	17.6
800	5.1	9.5	13.8	15.9	16.3	17.4	18.9	19.6	20.3	20.4	20.6	20.7	20.7	20.8	20.8	20.8
700	6.1	9.7	14.2	16.3	16.3	17.7	19.4	20.1	20.9	20.9	21.2	21.2	21.3	21.3	21.3	21.3
600	6.3	9.8	14.3	16.4	16.5	17.9	19.6	20.2	21.0	21.0	21.3	21.3	21.4	21.4	21.4	21.4
500	6.4	10.1	14.6	16.7	16.8	18.2	19.9	20.6	21.4	21.4	21.7	21.7	21.8	21.8	21.8	21.8
400	6.8	10.5	15.0	17.1	17.1	18.6	20.3	21.0	21.8	21.8	22.1	22.1	22.2	22.2	22.2	22.2
300	9.4	11.7	15.8	18.0	18.1	19.6	21.4	22.0	22.8	22.8	23.1	23.1	23.2	23.2	23.2	23.2
200	9.6	11.4	16.0	18.3	18.4	19.9	21.8	22.4	23.2	23.3	23.5	23.6	23.6	23.7	23.7	23.7
100	10.7	12.9	17.7	20.4	20.5	22.1	24.1	24.8	25.7	25.7	26.0	26.0	26.1	26.1	26.1	26.1
0	11.6	13.8	18.8	21.8	22.0	23.7	25.9	26.6	27.5	27.5	27.8	27.9	27.9	28.0	28.0	28.0
9000	11.6	13.8	18.8	21.9	22.1	23.9	26.1	26.8	27.7	27.7	28.1	28.1	28.2	28.2	28.2	28.2
8000	11.3	14.6	19.8	23.0	23.2	25.1	27.4	28.1	29.0	29.0	29.4	29.4	29.5	29.5	29.5	29.5
7000	12.5	14.8	20.1	23.4	23.6	25.5	27.7	28.4	29.5	29.5	29.8	29.9	29.9	30.0	30.0	30.0
6000	13.2	15.9	21.4	24.8	25.4	27.0	29.3	30.4	31.7	31.8	32.2	32.2	32.3	32.3	32.3	32.3
5000	13.9	16.8	22.9	26.3	26.5	28.7	31.0	32.1	33.5	33.5	33.9	33.9	34.0	34.1	34.1	34.1
4000	15.9	19.5	27.0	31.8	32.1	34.6	37.0	38.1	39.7	39.8	40.2	40.2	40.4	40.4	40.4	40.4
3000	17.9	21.6	29.5	35.1	35.5	38.3	40.8	41.9	43.5	43.5	43.9	44.0	44.2	44.2	44.2	44.2
2000	20.5	24.6	33.6	39.9	40.4	43.7	46.5	47.8	49.7	49.8	50.2	50.4	50.5	50.6	50.6	50.6
1000	21.2	25.5	35.1	41.5	42.0	45.4	48.4	49.7	51.7	51.8	52.3	52.4	52.6	52.6	52.6	52.6
0	22.9	28.3	39.4	47.1	47.7	52.1	55.7	57.1	59.3	59.4	59.9	60.1	60.3	60.3	60.3	60.3
9000	24.3	30.0	42.7	51.9	52.7	57.8	61.8	63.5	66.1	66.2	66.8	67.0	67.2	67.2	67.2	67.2
8000	25.6	31.8	45.3	55.6	56.9	62.9	67.5	69.7	72.9	73.1	73.9	74.2	74.5	74.5	74.5	74.5
7000	26.1	32.3	45.8	56.9	58.3	65.0	70.1	72.3	75.7	75.8	76.7	77.0	77.3	77.3	77.3	77.3
6000	26.4	32.9	46.9	58.7	60.2	68.0	73.9	76.6	80.8	80.9	81.9	82.2	82.6	82.6	82.6	82.6
5000	26.7	33.2	47.4	60.0	61.6	69.9	76.9	80.6	85.8	86.1	87.6	88.1	88.6	88.6	88.6	88.6
4000	26.8	33.3	47.6	60.3	61.8	70.4	77.7	81.7	87.1	87.7	89.3	89.8	90.3	90.4	90.4	90.4
3000	26.8	33.3	47.6	60.4	62.0	70.5	78.3	82.5	88.8	89.5	91.5	92.3	93.0	93.0	93.0	93.0
2000	26.8	33.3	47.6	60.4	62.0	70.7	78.6	82.9	89.7	90.6	93.2	94.5	95.4	95.4	95.4	95.4
1000	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.6	95.1	96.9	96.9	97.1	97.1
0	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.6	95.2	97.3	97.8	98.1	98.1
9000	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.7	95.3	97.7	98.5	99.6	99.6
8000	26.8	33.3	47.6	60.4	62.1	70.7	78.7	82.9	89.8	90.9	93.7	95.3	97.7	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1038

CEILING VERSUS VISIBILITY

FEB

0600-0800

TOTAL NUMBER OF OBSERVATIONS 147

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12715

HOHENFELS AAF GF

75-84

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100

		VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
		20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
CEILING	FEET	GE97	GF81	GE54	GE48	GE4	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE0	GE0
1000		1.2	15.2	19.5	24.6	26.7	27.2	28.7	29.3	30.7	31.7	31.4	31.4	31.5	31.5	31.7	
900		12.6	15.9	20.3	25.9	27.2	28.5	30.3	30.9	32.6	32.8	33.2	33.2	33.4	33.4	33.5	
800		12.7	16.7	20.4	26.0	27.3	28.6	30.5	31.0	32.7	33.0	33.4	33.4	33.5	33.5	33.6	
700		12.7	16.2	20.5	26.1	27.4	28.7	30.6	31.1	32.8	33.1	33.5	33.5	33.6	33.6	33.8	
600		12.7	16.2	20.8	26.4	27.7	29.0	30.9	31.4	33.1	33.4	33.8	33.8	33.9	33.9	34.0	
500		12.8	16.3	20.9	26.5	27.8	29.1	31.1	31.7	33.4	33.6	34.0	34.0	34.2	34.2	34.3	
400		13.0	16.4	21.7	27.4	28.7	30.3	32.6	33.1	34.8	35.1	35.5	35.5	35.6	35.6	35.8	
300		13.0	16.8	21.7	27.5	28.9	30.6	32.8	33.4	35.1	35.4	35.9	35.9	36.0	36.0	36.2	
200		13.6	17.5	22.6	28.9	30.2	32.3	34.8	35.8	37.6	37.9	38.4	38.4	38.5	38.5	38.7	
100		14.4	18.5	24.1	31.5	31.8	34.2	36.6	37.6	39.5	39.7	40.3	40.3	40.4	40.4	40.5	
50		14.4	18.5	24.4	30.7	32.1	34.3	36.8	37.9	39.7	40.0	40.5	40.5	40.7	40.7	40.8	
0		14.7	18.8	24.6	31.1	32.5	34.7	37.2	38.3	40.1	40.4	40.9	40.9	41.1	41.1	41.2	
1000		15.0	19.3	25.2	31.7	33.0	35.2	37.7	38.8	40.7	40.9	41.5	41.5	41.6	41.6	41.7	
900		15.1	19.5	25.6	32.7	34.0	36.3	39.2	40.3	42.1	42.4	42.9	42.9	43.0	43.0	43.2	
800		15.4	19.9	26.5	35.1	36.4	38.9	41.9	42.9	44.8	45.0	45.6	45.6	45.7	45.7	45.8	
700		16.7	21.6	29.1	39.3	40.7	43.3	46.8	47.8	49.7	49.9	50.5	50.5	50.6	50.6	50.7	
600		17.5	22.5	30.3	41.9	42.3	44.9	48.7	49.9	51.8	52.1	52.6	52.6	52.7	52.7	52.8	
500		19.1	24.4	32.7	43.8	45.2	48.7	53.0	54.3	56.3	56.6	57.1	57.1	57.2	57.2	57.4	
400		19.3	24.8	33.5	44.6	46.0	49.5	53.8	55.2	57.2	57.5	58.0	58.0	58.1	58.1	58.3	
300		20.1	26.0	35.2	47.5	49.0	53.7	57.4	58.8	60.8	61.1	61.6	61.6	61.7	61.7	61.9	
200		21.4	26.6	36.6	49.8	51.3	56.4	61.5	62.9	65.4	65.7	66.2	66.2	66.4	66.4	66.5	
100		21.5	28.1	38.1	52.5	54.2	60.3	66.5	68.5	71.8	72.1	72.6	72.6	72.7	72.7	72.8	
0		21.5	28.1	38.1	52.6	54.3	61.1	68.1	70.2	73.6	73.9	74.4	74.4	74.6	74.6	74.7	
1000		21.7	28.6	38.7	53.6	55.4	63.0	72.5	76.0	79.9	80.4	80.9	80.9	81.1	81.1	81.2	
900		22.0	28.9	38.9	54.7	55.9	64.1	73.6	78.0	82.3	83.2	84.2	84.4	84.9	84.9	85.0	
800		22.0	28.9	38.9	54.0	55.9	64.2	74.6	78.9	84.4	85.4	87.0	87.3	87.8	87.8	87.9	
700		22.0	28.9	38.9	54.0	55.9	64.6	75.2	79.9	86.6	88.5	90.6	91.3	92.8	92.8	93.0	
600		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.8	88.7	91.0	92.1	94.0	94.0	94.4	
500		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.5	95.6	95.9	97.1	
400		22.0	28.9	38.9	54.0	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.7	97.0	97.4	98.7	
300		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.7	97.1	98.1	99.9	
200		22.0	28.9	38.9	54.7	55.9	64.6	75.2	79.9	86.9	88.9	91.3	92.7	97.1	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 755

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1715 HENFELD AAF GE

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	GE9	GE8	GE6	GE4	GE3	GE2	GE1	GE0	GE1	GE2	GE3	GE4	GE6	GE8	GE9	GE0
1000	23.7	23.7	27.2	31.3	32.7	33.1	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
900	22.2	25.0	28.7	31.7	32.7	34.4	34.8	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
800	22.8	25.7	29.6	31.0	34.0	35.9	36.2	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
700	23.0	26.0	29.9	33.3	34.3	36.1	36.5	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
600	23.2	26.1	30.1	33.4	34.4	36.2	36.7	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
500	23.2	26.3	30.2	33.8	34.8	36.7	37.1	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
400	23.6	27.1	30.9	34.7	35.7	38.1	38.6	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
300	23.7	27.1	31.0	35.0	36.1	38.3	38.9	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
200	24.7	28.4	32.6	37.5	38.6	41.2	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
100	25.8	29.8	34.3	39.6	41.2	43.8	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
50	26.4	30.3	34.8	40.7	42.3	44.9	46.2	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
0	26.4	31.2	36.2	42.6	44.1	46.8	48.2	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
1000	27.8	32.3	37.4	44.1	45.6	48.3	49.7	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
900	29.8	35.0	40.9	48.7	50.3	53.2	54.6	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
800	31.0	36.2	42.7	51.3	52.8	56.2	57.6	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
700	32.6	39.9	46.1	55.8	57.3	61.7	62.5	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
600	33.8	41.3	47.6	58.7	59.6	63.2	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
500	36.1	42.9	51.4	62.5	64.1	67.7	69.9	70.5	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
400	37.1	44.5	53.2	66.4	68.1	72.3	75.1	75.7	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
300	37.4	44.8	54.4	68.1	70.1	74.3	77.1	78.2	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
200	37.6	45.1	54.8	68.7	70.6	75.1	78.2	79.5	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0
100	37.6	45.1	54.8	69.8	72.2	78.5	82.6	84.7	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.1
0	37.9	45.5	55.2	70.4	72.8	79.1	83.8	86.2	89.0	89.9	90.4	90.6	90.6	90.6	90.6	90.6
1000	37.9	45.5	55.2	71.4	72.8	79.2	84.6	86.9	91.0	92.0	92.6	92.7	93.0	93.0	93.0	93.0
900	37.9	45.5	55.3	70.6	73.2	80.3	85.7	88.2	92.6	94.2	94.8	95.2	95.6	95.6	95.6	95.6
800	37.9	45.5	55.3	70.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	96.6	97.5	97.5	97.5	97.5
700	37.9	45.5	55.3	70.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	96.9	98.5	98.6	99.2	99.2
600	37.9	45.5	55.3	70.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	97.1	98.9	99.4	100.0	100.0
500	37.9	45.5	55.3	70.8	73.3	80.5	85.8	88.6	93.1	94.8	95.8	97.1	98.9	99.4	100.0	100.0

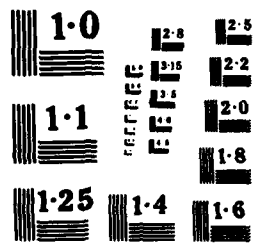
TOTAL NUMBER OF OBSERVATIONS 712

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNCLASSIFIED

HOHENFELS AFB GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISCS)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
USAFETAC/DS 84/025 SRI-AD-E850 753 F/G 4/2

NI



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715

HOFENFELS AAF GF

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
10000	25.7	27.2	32.5	35.5	36.0	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
9000	25.3	29.1	34.8	38.4	38.9	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
8000	26.5	30.4	36.4	40.6	41.0	41.6	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
7000	26.6	30.6	36.5	40.9	41.2	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
6000	26.8	30.7	36.7	41.2	41.5	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
5000	26.9	30.9	36.8	41.2	41.6	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
4000	27.1	31.3	37.3	41.9	42.4	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
3000	27.5	31.7	37.8	42.8	43.4	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
2000	29.0	33.6	39.9	45.9	46.9	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
1000	30.1	34.9	41.9	48.3	49.8	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
500	31.1	36.0	42.9	49.5	50.9	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
200	31.1	36.0	42.9	49.5	50.9	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
100	32.2	37.1	44.8	51.7	53.1	55.6	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
50	33.5	38.7	46.9	54.1	55.6	58.1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
20	36.2	42.2	50.7	59.1	60.6	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
10	37.8	44.1	53.3	62.9	64.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
5	39.0	45.4	55.2	65.4	66.8	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
2	39.4	45.9	55.7	65.9	67.4	70.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1	41.2	47.7	58.1	68.6	70.3	72.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
0.5	41.5	48.0	59.4	70.9	72.6	76.4	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
0.2	41.8	48.3	60.7	72.9	75.0	78.7	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
0.1	41.9	48.5	61.0	73.4	75.5	79.6	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
0.05	42.1	48.6	61.3	74.5	76.9	81.8	84.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
0.02	42.1	48.8	61.6	74.8	77.1	82.4	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
0.01	42.2	48.9	61.9	75.1	77.7	83.7	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
0.005	42.2	48.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.002	42.2	48.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.001	42.2	48.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.0005	42.2	48.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.0002	42.2	48.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.0001	42.2	48.9	62.0	75.5	78.2	83.6	87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12715 HOFENFELS AAF GF

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
20000	16.3	19.8	24.1	27.2	29.0	30.3	31.5	32.1	33.2	33.3	33.6	33.6	33.6	33.6	33.7	
18000	17.1	20.8	25.2	29.6	30.5	31.9	33.2	33.9	35.1	35.2	35.5	35.5	35.5	35.5	35.6	
16000	17.6	21.3	25.9	30.5	31.4	32.9	34.3	34.9	36.1	36.2	36.5	36.5	36.5	36.5	36.6	
14000	17.7	21.4	26.1	30.7	31.6	33.1	34.4	35.1	36.3	36.4	36.7	36.7	36.7	36.7	36.8	
12000	17.8	21.5	26.2	30.9	31.7	33.2	34.6	35.2	36.4	36.5	36.8	36.8	36.8	36.8	37.0	
10000	17.8	21.6	26.3	31.0	31.9	33.4	34.8	35.4	36.6	36.8	37.1	37.1	37.1	37.1	37.2	
8000	18.0	22.0	26.8	31.7	32.6	34.3	35.8	36.5	37.7	37.8	38.1	38.1	38.1	38.1	38.2	
6000	18.1	22.2	27.0	32.0	32.9	34.7	36.2	36.8	38.1	38.2	38.5	38.5	38.5	38.5	38.6	
4000	19.0	23.3	28.3	33.9	35.0	37.1	39.0	39.7	41.0	41.1	41.5	41.5	41.5	41.5	41.6	
2000	19.8	24.4	29.7	35.6	36.9	39.4	41.3	42.1	43.4	43.5	43.9	43.9	43.9	43.9	44.1	
1000	19.8	24.4	29.9	35.7	37.1	39.5	41.5	42.3	43.5	43.6	44.0	44.0	44.1	44.1	44.2	
500	20.3	25.0	30.4	36.5	37.8	40.3	42.3	43.1	44.3	44.5	44.8	44.8	44.9	44.9	45.0	
400	20.4	25.2	30.6	36.8	38.1	40.6	42.6	43.4	44.6	44.7	45.1	45.1	45.2	45.2	45.3	
300	20.9	25.8	31.7	38.2	39.5	42.0	44.2	45.0	46.2	46.4	46.7	46.7	46.8	46.8	46.9	
200	21.6	26.7	32.9	40.0	41.3	44.7	46.2	46.9	48.2	48.3	48.7	48.7	48.7	48.7	48.9	
100	23.5	29.2	36.3	44.7	46.1	48.8	51.2	52.1	53.5	53.7	54.1	54.1	54.2	54.2	54.3	
50	24.4	30.3	38.3	47.3	48.6	51.6	54.1	55.0	56.5	56.6	57.0	57.0	57.1	57.1	57.3	
30	25.8	32.1	40.9	50.7	52.1	55.3	58.2	59.3	61.1	61.3	61.7	61.7	61.7	61.7	61.9	
20	26.3	32.7	41.7	51.7	53.1	56.4	59.4	60.5	62.3	62.5	62.9	62.9	62.9	62.9	63.1	
10	27.7	34.4	43.9	54.9	56.4	60.0	63.4	64.5	66.6	66.8	67.2	67.2	67.3	67.3	67.5	
5	28.2	35.3	45.7	57.8	59.4	64.2	68.1	69.3	71.9	72.1	72.6	72.6	72.7	72.7	72.8	
2	28.6	35.9	46.9	59.6	61.4	66.7	71.2	72.7	75.8	76.1	76.6	76.7	76.7	76.7	76.9	
1	28.7	36.0	47.1	60.0	61.9	67.7	72.6	74.2	77.6	77.9	78.6	78.6	78.7	78.7	78.8	
0	28.9	36.2	47.3	61.0	63.1	70.0	76.2	79.2	83.2	83.8	84.5	84.6	84.7	84.7	84.9	
2000	29.0	36.4	47.5	61.4	63.5	70.7	77.5	80.9	85.4	86.1	87.1	87.2	87.5	87.5	87.8	
1800	29.0	36.4	47.6	61.5	63.6	70.9	78.2	81.7	87.0	87.9	89.2	89.3	89.6	89.6	89.9	
1600	29.0	36.4	47.7	61.6	63.8	71.5	78.9	82.5	88.6	89.9	91.5	92.2	93.1	93.1	93.4	
1400	29.0	36.4	47.7	61.7	63.8	71.5	79.0	82.7	89.0	90.6	92.4	93.5	94.8	94.8	95.2	
1200	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.7	92.6	93.9	96.0	96.2	97.3	
1000	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.8	92.7	94.1	97.0	97.4	98.7	
800	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.8	92.7	94.1	97.1	97.7	99.4	
600	29.0	36.4	47.7	61.7	63.9	71.6	79.1	82.8	89.2	90.8	92.7	94.1	97.1	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 2931

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1715 HOFENFELS AAF GE

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0070

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	26 GE9	25 GE8	24 GE6	23 GE4	22 GE4	21 GE32	20 GE24	19 GE20	18 GE16	17 GE12	16 GE10	15 GE08	14 GE05	13 GE04	12 GE0
≥20000		8.3	11.1	14.3	18.3	19.2	21.1	22.4	22.8	24.1	24.2	24.6	25.1	25.5	25.6	26.2
≥18000		1.5	13.9	18.2	23.3	24.2	26.1	27.3	27.8	29.8	29.9	30.2	32.9	31.4	31.6	32.4
≥16000		1.7	14.1	18.4	23.5	24.4	26.3	27.6	28.0	30.0	30.1	30.5	31.2	31.6	31.9	32.7
≥14000		1.7	14.1	18.4	23.5	24.4	26.3	27.6	28.0	30.0	30.1	30.5	31.2	31.6	31.9	32.7
≥12000		1.1	14.5	18.9	24.1	25.0	26.9	28.2	28.6	30.6	30.7	31.1	31.7	32.2	32.4	33.3
≥10000		1.2	15.4	20.3	25.8	26.8	28.7	30.0	30.6	32.6	32.7	33.0	33.7	34.2	34.4	35.2
≥8000		1.5	15.6	20.6	26.2	27.1	29.1	30.4	30.9	32.9	33.0	33.4	34.1	34.5	34.8	35.6
≥6000		12.9	17.3	22.6	25.4	29.3	31.3	32.8	33.4	35.5	35.6	36.0	36.8	37.4	37.7	38.5
≥5000		13.1	17.5	24.3	31.2	31.2	34.0	35.5	36.2	38.4	38.5	38.9	39.9	40.6	40.8	41.7
≥4500		13.1	17.6	24.4	30.4	31.3	34.1	35.6	36.3	38.5	38.6	39.0	40.0	40.7	40.9	41.8
≥4000		13.6	18.4	25.4	31.3	32.3	35.1	36.6	37.3	39.5	39.6	40.1	41.0	41.7	41.9	42.9
≥3500		14.6	20.7	27.6	33.6	34.6	37.4	38.9	39.6	41.8	41.9	42.4	43.3	44.0	44.3	45.2
≥3000		15.5	21.8	29.9	36.3	37.4	40.4	41.9	42.6	45.1	45.2	45.7	46.6	47.4	47.7	48.7
≥2500		16.2	22.7	31.1	37.5	38.7	41.7	43.3	44.0	46.7	46.8	47.3	48.2	49.0	49.4	50.3
≥2000		18.2	25.4	35.2	42.4	43.6	47.0	49.5	50.4	53.7	53.8	54.3	55.3	56.1	56.7	57.6
≥1800		18.9	26.3	37.8	45.9	47.2	50.6	53.8	54.9	58.4	58.5	59.2	60.1	61.0	61.5	62.5
≥1600		21.1	29.9	43.9	49.5	50.9	54.8	58.3	59.6	63.4	63.5	64.2	65.2	66.0	66.6	67.6
≥1400		21.6	29.3	41.6	51.3	51.7	56.7	59.4	60.7	64.5	64.7	65.4	66.4	67.2	67.8	68.7
≥1200		22.9	31.2	44.7	53.7	55.0	59.6	63.3	64.7	68.7	68.8	69.5	70.6	71.4	72.2	72.9
≥1000		23.8	32.7	46.6	56.1	57.6	63.0	67.4	68.8	73.2	73.3	74.0	75.1	75.9	76.5	77.4
≥900		24.1	32.3	46.9	57.7	59.3	65.1	69.8	71.1	75.8	75.9	76.8	78.0	79.0	79.6	80.5
≥800		24.1	32.6	47.3	58.1	59.7	65.6	70.3	72.0	77.1	77.2	78.1	79.3	80.3	80.9	81.8
≥700		24.1	32.7	47.6	58.9	60.8	67.0	72.2	74.7	80.8	80.9	81.8	83.0	84.0	84.6	85.5
≥600		24.1	32.7	47.9	59.1	61.1	67.3	72.8	75.9	82.7	82.9	84.7	85.9	87.0	87.7	88.6
≥500		24.1	32.7	47.9	59.1	61.1	67.3	73.2	76.4	83.8	84.1	86.0	87.4	88.6	89.7	90.7
≥400		24.1	32.7	47.9	59.1	61.1	67.4	73.5	76.7	84.6	84.9	87.1	88.8	90.2	91.2	92.2
≥300		24.1	32.7	47.9	59.1	61.1	67.4	73.5	76.7	84.7	85.3	88.1	89.8	91.9	93.3	94.7
≥200		24.2	32.8	48.0	59.2	61.2	67.6	73.6	76.8	84.8	85.4	88.4	90.2	92.4	94.3	97.0
≥100		24.2	32.8	48.0	59.2	61.2	67.6	73.7	76.9	84.9	85.5	88.5	90.3	92.5	95.2	99.3
≥0		24.2	32.8	48.0	59.2	61.2	67.6	73.7	76.9	84.9	85.5	88.5	90.3	92.5	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 863

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

715

HOMENFELS AAF GF

74-83

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	5/8	3/8	2/8	1/8	3/4	2/4	1/4	3/8	2/8	1/8	3/4	2/4	1/4	3/8	2/8	1/8
1000	12.8	15.1	19.4	24.4	24.5	25.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
900	16.9	19.4	24.8	30.7	30.8	31.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
800	17.2	19.8	25.2	31.0	31.1	32.2	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
700	17.5	20.0	25.4	31.3	31.4	32.4	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
600	17.6	20.3	26.1	32.1	32.2	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
500	17.7	20.6	26.8	32.8	32.9	33.9	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
400	18.7	22.1	28.9	35.3	35.4	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
300	19.2	22.5	29.3	35.7	35.9	37.0	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
200	20.8	24.6	31.8	38.4	38.6	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
100	21.5	25.9	33.8	40.3	40.6	42.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
5000	21.6	26.1	34.0	40.6	40.8	42.8	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
4000	22.3	26.8	35.4	42.4	42.6	44.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
3000	23.1	27.7	36.6	43.6	43.8	45.7	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
2000	23.9	28.9	38.5	45.5	45.7	48.0	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
1500	25.2	30.1	40.3	47.4	47.6	49.9	50.7	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
1000	28.2	33.8	45.2	52.6	52.9	55.3	56.8	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
500	29.4	35.2	48.0	56.2	56.4	58.9	60.8	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
200	32.8	39.0	52.8	62.0	62.2	65.2	67.7	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
100	35.3	41.7	56.9	66.4	67.0	70.6	73.4	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
5000	36.1	43.0	58.5	69.0	69.3	73.2	76.3	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4000	37.1	44.0	60.1	71.6	72.1	76.3	79.8	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
3000	37.1	44.1	61.6	72.8	73.2	77.8	81.6	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2000	37.1	44.3	60.8	73.8	74.5	79.4	83.8	84.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
1500	37.1	44.4	60.9	74.3	75.1	80.1	85.5	86.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1000	37.1	44.4	61.1	74.5	75.3	80.7	86.6	88.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
500	37.1	44.4	61.1	74.5	75.3	80.9	86.8	88.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
200	37.1	44.4	61.1	74.5	75.3	80.9	86.8	88.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
100	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
50	37.1	44.4	61.1	74.5	75.3	80.8	86.8	88.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
0	37.1	44.4	61.1	74.5	75.3	80.9	86.8	88.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS 870

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715 MONTHLY NAME GE

74-83

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)				
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05	≥0.025	≥0.015	≥0.01	≥0.0075	≥0.005
≥20000	19.2	21.2	24.9	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥18000	24.8	26.8	31.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥16000	25.6	27.9	33.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥14000	25.8	28.1	33.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥12000	26.0	28.3	33.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥10000	26.6	28.9	34.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥9000	27.1	29.9	35.9	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥8000	27.6	30.6	36.8	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥7000	29.7	32.8	39.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥6000	30.8	34.3	41.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥5000	30.8	35.5	43.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥4500	32.2	36.7	44.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥4000	34.2	39.5	47.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥3500	36.3	40.7	49.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥3000	41.5	45.5	55.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥2500	45.2	50.8	61.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥2000	48.1	54.1	64.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥1800	49.8	55.9	66.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥1600	53.7	60.5	72.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥1400	55.4	63.2	76.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥1200	55.9	64.0	77.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥1000	56.1	64.7	79.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥900	56.1	64.7	79.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥800	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥700	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥600	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥500	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥400	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥300	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥200	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥100	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥0	56.1	64.7	79.2	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3

TOTAL NUMBER OF OBSERVATIONS 827

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 Hohenfels AAF GE

74-83

440

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

150-1770

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	1/2	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	10
27000	23.9	26.3	28.8	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
24000	7.8	34.7	37.7	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
21000	11.4	34.7	39.1	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
18000	11.7	34.9	39.3	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
15000	12.2	35.4	39.8	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
12000	13.3	36.7	41.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
9000	15.2	38.6	43.8	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
6000	16.1	39.4	44.7	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
3000	40.5	43.8	49.6	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2000	41.5	44.8	51.4	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
1500	41.5	45.2	51.6	54.4	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
1000	42.3	45.1	52.8	55.4	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
750	42.5	46.4	53.4	56.4	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
500	45.7	49.1	56.5	59.8	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
250	46.2	51.5	58.7	61.9	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
100	51.5	56.8	65.6	69.0	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
50	56.9	62.4	72.4	75.9	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
25	58.9	64.7	75.3	79.3	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
10	59.3	65.5	76.3	80.8	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
5	61.8	68.5	79.6	85.3	85.8	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2	63.1	71.6	82.4	88.4	89.2	90.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1	63.6	71.4	83.4	89.8	90.6	91.6	93.1	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1/2	63.6	71.7	83.9	90.7	91.6	92.6	94.1	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1/4	63.6	71.7	83.9	91.3	92.2	93.3	95.2	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
1/8	63.6	71.7	83.9	91.6	92.5	93.7	96.1	96.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
1/16	63.6	71.7	83.9	91.6	92.5	93.7	96.1	96.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
1/32	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9
1/64	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9
1/128	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9
1/256	63.6	71.7	83.9	91.6	92.5	93.7	96.2	96.6	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 WOHENFELS AAF GF

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ELEVATION FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)													
	>10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
>10000	15.9	18.2	21.7	24.6	24.9	25.6	26.1	26.2	26.5	26.5	26.7	26.9	27.0	27.1	27.3															
2 18000	2.5	23.3	27.9	31.6	31.9	32.7	33.1	33.3	33.8	33.8	33.9	34.2	34.3	34.9	34.7															
2 16000	11.0	23.0	28.8	32.5	32.8	33.6	34.0	34.1	34.7	34.7	34.8	35.1	35.2	35.3	35.5															
2 14000	11.1	24.0	28.9	32.7	32.9	33.7	34.2	34.3	34.8	34.8	35.0	35.2	35.3	35.4	35.7															
2 12000	11.3	24.3	29.3	33.2	33.5	34.2	34.7	34.8	35.3	35.4	35.5	35.8	35.9	36.0	36.2															
2 10000	21.9	24.9	3.3	34.1	34.4	35.2	35.7	35.8	36.3	36.3	36.5	36.7	36.8	36.9	37.2															
2 8000	22.8	26.2	31.9	36.1	36.4	37.3	37.8	37.9	38.4	38.5	38.6	38.9	39.0	39.1	39.3															
2 6000	23.3	26.8	32.6	36.8	37.1	38.0	38.5	38.6	39.2	39.2	39.3	39.6	39.7	39.8	40.0															
2 4000	25.6	29.3	35.6	4.1	40.4	41.4	42.0	42.1	42.6	42.7	42.8	43.1	43.3	43.4	43.6															
2 2000	26.4	30.3	37.5	42.2	42.5	43.8	44.4	44.6	45.1	45.2	45.4	45.6	45.8	45.9	46.2															
2 1000	26.4	30.5	37.7	42.4	42.7	44.1	44.7	44.9	45.4	45.5	45.6	45.9	46.1	46.2	46.5															
2 800	27.1	31.4	38.9	43.8	44.2	45.6	46.2	46.5	47.0	47.1	47.2	47.5	47.7	47.8	48.1															
2 600	27.7	32.2	40.1	45.1	45.5	47.0	47.6	47.8	48.3	48.4	48.5	48.8	49.0	49.1	49.4															
2 400	29.3	34.2	42.7	47.9	48.2	49.9	50.4	50.7	51.3	51.3	51.5	51.8	52.0	52.1	52.4															
2 200	3.6	35.7	44.6	49.9	50.3	51.9	52.5	52.7	53.5	53.5	53.7	54.0	54.2	54.3	54.6															
2 1000	34.2	40.0	50.0	55.6	56.0	57.9	58.8	59.1	60.0	60.1	60.3	60.6	60.8	61.0	61.3															
2 800	17.1	43.2	54.4	60.6	61.0	62.4	64.1	64.5	65.5	65.5	65.8	66.1	66.3	66.4	66.7															
2 600	39.6	46.0	57.7	64.4	64.9	67.0	68.6	69.0	70.1	70.1	70.4	70.7	70.9	71.1	71.4															
2 400	40.4	46.9	58.9	65.9	66.4	68.7	70.4	70.8	71.9	71.9	72.2	72.5	72.7	72.9	73.2															
2 200	42.9	50.0	63.0	70.7	71.3	74.0	76.0	76.4	77.6	77.6	77.9	78.2	78.4	78.6	78.9															
2 1000	44.1	51.7	65.4	73.7	74.4	77.6	80.2	80.7	82.0	82.1	82.4	82.8	83.0	83.2	83.5															
2 800	44.7	52.4	66.6	75.6	76.5	79.9	82.8	83.0	85.0	85.0	85.5	85.9	86.2	86.4	86.7															
2 600	44.7	52.7	67.1	76.4	77.3	80.9	84.0	84.7	86.4	86.4	87.0	87.4	87.7	87.8	88.1															
2 400	44.7	52.8	67.4	77.4	78.5	82.4	85.9	86.9	89.5	89.5	90.1	90.5	90.8	90.9	91.2															
2 200	44.7	52.9	67.5	77.7	78.8	83.0	87.2	88.5	91.6	91.7	92.5	93.1	93.4	93.6	93.9															
2 1000	44.7	52.9	67.6	77.8	78.9	83.1	87.6	89.1	92.6	92.7	93.5	94.2	94.5	94.8	95.1															
2 800	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.4	93.5	93.8	95.2	96.3	97.3	97.9	98.0															
2 600	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	99.7															
2 400	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	99.7															
2 200	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	99.7															
2 1000	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	99.7															
2 800	44.7	52.9	67.6	77.8	78.9	83.2	87.8	89.5	93.6	93.8	95.2	96.4	97.4	98.3	99.7															

TOTAL NUMBER OF OBSERVATIONS 1154

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 7715 HCHENFELS AAF GE

74-83

APD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-2800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025
≥2000	15.5	21.5	3.0	33.5	34.0	35.0	35.9	35.9	36.2	36.5	37.2	37.6	37.8	38.2	38.4	
1800	16.3	25.3	34.5	38.9	39.4	40.7	41.8	41.8	42.2	42.7	43.4	43.8	44.1	44.5	44.7	
1600	18.6	25.6	34.9	39.2	39.8	41.1	42.1	42.1	42.6	43.1	43.8	44.1	44.5	44.8	45.0	
1400	18.6	25.7	35.3	39.3	39.9	41.2	42.2	42.2	42.7	43.2	43.9	44.2	44.6	44.9	45.2	
1200	18.7	25.8	35.5	39.8	40.4	41.7	42.8	42.8	43.3	43.8	44.5	44.8	45.2	45.6	45.9	
1000	19.0	26.1	36.1	40.5	41.1	42.6	43.8	43.8	44.2	44.7	45.4	45.7	46.1	46.6	46.8	
800	19.6	26.8	37.7	42.2	42.8	44.3	45.5	45.6	46.1	46.6	47.3	47.6	48.0	48.4	48.7	
600	19.7	27.4	38.9	43.5	44.1	45.6	46.9	47.0	47.6	48.1	48.8	49.2	49.7	50.2	50.6	
400	21.2	28.9	41.3	46.0	46.6	48.2	49.8	49.9	50.5	51.0	51.7	52.2	52.9	53.3	53.8	
200	22.6	30.6	42.9	48.3	48.9	50.8	52.6	52.7	53.4	53.9	54.6	55.1	56.0	56.5	56.9	
100	23.2	32.0	44.5	50.1	50.8	52.7	54.6	54.7	55.5	56.0	56.7	57.2	58.1	58.6	59.0	
50	23.2	32.0	45.0	51.0	51.8	53.9	55.8	55.9	56.8	57.3	58.0	58.5	59.4	59.9	60.3	
25	24.5	34.3	48.3	55.2	56.0	58.2	60.1	60.2	61.3	61.7	62.4	62.9	63.8	64.3	64.8	
12.5	25.3	35.4	49.6	57.2	58.0	60.2	62.2	62.3	63.4	63.8	64.5	65.0	65.9	66.4	67.0	
6.25	27.5	38.3	53.2	61.7	62.7	65.0	67.6	67.7	68.7	69.2	69.9	70.4	71.3	71.8	72.3	
3.125	28.6	39.3	54.8	63.4	64.3	67.1	69.9	70.0	71.1	71.5	72.2	72.7	73.6	74.1	74.7	
1.5625	29.9	40.7	56.6	66.2	67.1	70.6	73.6	73.7	75.0	75.6	76.4	76.9	77.8	78.3	78.9	
0.78125	30.0	41.0	56.8	66.7	67.7	71.4	74.4	74.6	75.8	76.4	77.2	77.7	78.6	79.1	79.7	
0.390625	30.1	41.2	57.6	68.1	69.7	74.0	77.5	77.6	79.0	79.6	80.4	80.9	81.8	82.3	82.8	
0.1953125	30.5	41.7	58.8	69.7	71.2	76.4	80.5	80.7	82.1	82.7	83.5	84.0	84.9	85.4	86.1	
0.09765625	31.0	42.6	60.1	71.4	73.0	78.3	82.6	83.2	85.1	85.8	86.7	87.2	88.1	88.6	89.3	
0.048828125	31.7	43.4	61.3	72.6	74.2	79.8	84.4	84.9	86.9	87.6	88.6	89.0	90.0	90.4	91.1	
0.0244140625	32.2	44.0	62.1	73.7	75.4	81.0	85.6	86.2	88.2	88.9	89.8	90.3	91.2	91.7	92.4	
0.01220703125	32.2	44.0	62.2	73.9	75.6	81.4	86.8	87.7	90.2	91.0	92.2	92.6	93.6	94.0	94.7	
0.006103515625	32.2	44.0	62.2	73.9	75.6	81.7	87.2	88.1	91.0	91.8	93.2	93.7	94.7	95.2	95.9	
0.0030517578125	32.2	44.0	62.2	74.0	75.7	81.9	87.4	88.3	91.4	92.2	93.6	94.0	95.1	95.6	96.3	
0.00152587890625	32.2	44.0	62.2	74.0	75.7	81.9	87.4	88.3	91.6	92.4	94.0	94.6	95.8	96.3	97.0	
0.000762939453125	32.2	44.0	62.3	74.1	75.8	82.0	87.5	88.4	91.7	92.5	94.2	94.7	96.1	96.6	97.3	
0.0003814697265625	32.2	44.0	62.3	74.1	75.8	82.0	87.5	88.4	91.7	92.5	94.2	94.7	96.1	96.7	97.4	
0.00019073486328125	32.2	44.0	62.3	74.1	75.8	82.0	87.5	88.4	91.7	92.5	94.2	94.7	96.6	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 857

CEILING VERSUS VISIBILITY

17715

HOMENFELS AAF GE

74-83

AP9

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1130
HOURS 13V

		VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
		20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0					
		>16	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0				
1	1000	25.7	26.5	32.5	34.7	34.8	34.9	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.5													
2	800	29.3	30.1	37.0	39.6	39.8	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	41.5	41.5	40.5	40.7													
3	600	30.0	30.8	37.7	40.3	40.5	40.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.3													
4	400	30.2	31.0	38.0	40.5	40.8	40.9	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.6													
5	200	30.4	31.2	38.3	40.9	41.1	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.9													
6	100	31.1	31.9	39.6	42.3	42.6	42.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.4													
7	50	31.7	33.1	41.2	44.0	44.4	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.2													
8	25	31.8	33.2	41.3	44.1	44.5	44.6	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.4													
9	12.5	34.3	35.9	44.7	47.7	48.1	48.2	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.0													
10	6.25	35.1	36.7	46.2	49.4	49.7	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.6													
11	3.125	35.4	37.1	46.6	49.7	50.1	50.2	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	51.0													
12	1.5625	36.4	38.3	48.2	51.6	51.9	52.0	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	53.0													
13	0.78125	36.8	39.0	49.0	52.4	52.7	52.8	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.8													
14	0.390625	38.1	40.7	52.3	56.3	56.7	56.8	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8													
15	0.1953125	39.4	41.9	54.5	58.8	59.1	59.2	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4													
16	0.09765625	43.8	47.3	62.4	67.6	68.1	68.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0													
17	0.048828125	46.0	51.8	68.1	73.6	74.1	75.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.7													
18	0.0244140625	51.2	55.4	72.1	78.0	78.6	79.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2													
19	0.01220703125	52.3	56.7	73.4	79.8	80.4	81.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9													
20	0.006103515625	54.4	59.0	76.7	84.2	84.9	86.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8													
21	0.0030517578125	55.5	60.4	78.5	86.3	87.0	88.6	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.1													
22	0.00152587890625	55.7	60.6	79.4	87.7	88.6	90.2	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.3													
23	0.000762939453125	55.9	61.0	79.8	88.2	89.1	91.2	93.0	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3													
24	0.0003814697265625	56.1	61.2	80.5	89.1	90.1	92.5	94.7	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	96.1													
25	0.00019073486328125	56.1	61.2	80.6	89.5	90.9	93.3	95.9	96.7	97.7	97.9	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6													
26	9.53E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.4	97.3	98.6	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4													
27	4.77E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7													
28	2.38E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8													
29	1.19E-05	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.9													
30	5.95E-06	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.8	100.0														
31	2.98E-06	56.1	61.2	81.6	89.7	91.2	93.6	96.5	97.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.8	100.0														

TOTAL NUMBER OF OBSERVATIONS 261

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 715 HCHENFELS AAF GE

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 20	GE 10	GE 05	GE 03	GE 02	GE 01	GE 00	GE 00
≥ 2000	28.7	29.6	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
1800	33.2	34.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
1600	34.0	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
1400	34.0	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
1200	34.4	35.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
1000	35.3	36.8	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
800	36.6	38.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
600	37.0	38.8	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
400	38.9	40.7	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
200	39.5	41.3	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
100	39.5	41.3	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
50	40.4	42.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
25	41.6	43.4	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
10	43.7	46.5	51.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
5	49.2	52.7	57.5	57.7	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
2	54.9	58.5	67.2	67.8	67.9	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
1	62.4	66.2	75.7	76.3	76.4	76.5	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
0.5	66.8	71.7	81.6	81.2	81.3	81.5	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
0.25	67.6	71.7	81.6	82.5	82.6	82.8	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.1	71.2	74.8	86.3	87.8	87.9	88.2	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.05	72.1	77.1	89.3	91.1	91.2	91.8	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0.025	73.3	78.5	91.3	93.6	93.7	94.3	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
0.01	73.4	78.7	91.5	94.1	94.2	95.1	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
0.005	73.4	78.7	91.9	94.5	94.7	95.6	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0.0025	73.5	78.9	92.1	94.8	94.9	95.9	97.6	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.001	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.0005	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.00025	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.0001	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.00005	73.5	78.9	92.1	94.8	94.9	96.1	97.8	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 861

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLERICAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715
STATION

HOMERFIELD AAF GF

STATION NAME

74-83

YEAR

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-17.00
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)				ED
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	
210	21.6	21.7	32.8	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	.5
2000		39.1	41.6	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	1.4
1800		39.5	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	2.2
1600		39.8	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	2.4
1400		41.0	41.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	2.7
1200		41.2	42.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	3.8
1000		41.6	43.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
900		41.9	43.8	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
800		43.8	46.3	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
700		46.2	48.7	50.8	50.9	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
600		46.4	49.0	51.0	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
500		47.6	51.2	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
450		49.0	51.6	54.0	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
400		50.5	53.6	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
350		56.0	59.8	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
300		54.1	68.3	75.2	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
250		68.6	73.4	80.9	81.5	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
200		71.4	76.4	84.8	85.6	85.7	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
180		71.9	76.9	85.2	86.2	86.3	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
160		72.8	78.1	86.9	88.5	88.6	89.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
140		74.8	81.1	89.4	91.3	91.4	92.6	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
120		75.1	81.7	90.7	93.7	93.8	95.1	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
100		75.1	80.7	90.9	94.1	94.3	95.6	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
90		75.2	81.8	91.0	94.3	94.5	95.8	96.6	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80		75.3	81.9	91.6	95.2	95.5	96.7	97.8	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
70		75.3	80.9	91.6	95.2	95.5	96.7	97.8	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
60		75.3	80.9	91.6	95.2	95.5	96.7	97.8	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
50		75.3	81.0	91.9	95.5	95.7	97.0	98.0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
40		75.5	81.0	91.9	95.5	95.7	97.0	98.0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
30		75.5	81.0	91.9	95.5	95.7	97.0	98.0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
20		75.5	81.0	91.9	95.5	95.7	97.0	98.0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 860

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715 HOHENFEL AAF GF

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	GE0	GE5	GE10	GE15	GE20	GE25	GE30	GE35	GE40	GE45	GE50	GE55	GE60	GE65	GE70	GE75
100	25.4	27.6	31.6	33.0	33.1	33.4	33.7	33.8	33.8	33.9	34.1	34.2	34.3	34.3	34.4	34.4
200	30.0	32.7	37.2	38.9	39.1	39.5	39.8	39.9	40.0	40.1	40.3	40.4	40.5	40.6	40.7	40.7
300	30.5	33.2	37.9	39.6	39.8	40.2	40.5	40.6	40.7	40.8	41.0	41.1	41.2	41.3	41.3	41.3
400	30.6	33.4	38.1	39.8	40.1	40.3	40.7	40.7	40.8	40.9	41.1	41.2	41.3	41.4	41.5	41.5
500	30.0	33.6	38.4	40.1	40.3	40.7	41.1	41.1	41.2	41.3	41.5	41.6	41.7	41.8	41.9	41.9
600	31.7	34.0	39.5	41.2	41.5	41.9	42.3	42.3	42.4	42.5	42.7	42.8	42.9	43.0	43.1	43.1
700	32.4	35.5	41.0	42.8	43.1	43.5	43.8	43.9	44.0	44.1	44.3	44.4	44.5	44.6	44.7	44.7
800	32.6	35.8	41.5	43.4	43.6	44.0	44.5	44.5	44.7	44.8	45.0	45.1	45.2	45.3	45.5	45.5
900	34.8	37.9	44.1	46.1	46.4	46.9	47.4	47.5	47.6	47.7	47.9	48.0	48.2	48.3	48.5	48.5
1000	35.8	39.3	45.9	48.1	48.4	48.9	49.5	49.5	49.7	49.8	50.0	50.1	50.4	50.5	50.6	50.6
1100	36.0	39.6	46.1	48.3	48.6	49.1	49.7	49.8	49.9	50.0	50.2	50.4	50.6	50.7	50.9	50.9
1200	36.9	40.7	47.9	50.1	50.5	51.0	51.6	51.7	51.9	52.0	52.2	52.3	52.5	52.7	52.8	52.8
1300	37.7	41.5	48.9	51.3	51.6	52.2	52.8	52.9	53.1	53.2	53.4	53.6	53.8	53.9	54.1	54.1
1400	39.2	43.8	52.3	55.1	55.5	56.0	56.7	56.8	57.0	57.1	57.3	57.5	57.7	57.8	58.0	58.0
1500	42.5	47.5	56.6	59.6	60.0	60.5	61.3	61.4	61.6	61.8	61.9	62.1	62.3	62.4	62.6	62.6
1600	47.6	53.1	64.5	68.2	68.6	69.4	70.3	70.4	70.7	70.8	71.0	71.2	71.4	71.5	71.7	71.7
1700	51.9	57.7	69.9	73.7	74.1	75.2	76.2	76.4	76.7	76.8	77.0	77.1	77.4	77.5	77.7	77.7
1800	54.8	60.8	73.5	77.8	78.2	79.6	80.8	80.9	81.3	81.4	81.7	81.8	82.0	82.1	82.3	82.3
1900	55.5	61.6	74.3	78.8	79.2	80.7	81.9	82.0	82.4	82.5	82.8	82.9	83.1	83.3	83.4	83.4
2000	56.2	63.3	76.9	82.2	82.8	84.5	85.8	86.0	86.5	86.7	86.9	87.0	87.3	87.4	87.6	87.6
2100	58.2	64.8	79.0	84.6	85.2	87.4	89.2	89.3	89.9	90.1	90.3	90.5	90.7	90.9	91.0	91.0
2200	58.8	65.6	80.4	86.6	87.3	89.5	91.5	91.8	92.6	92.8	93.1	93.2	93.4	93.5	93.7	93.7
2300	59.1	66.0	81.9	87.2	88.0	90.4	92.5	92.8	93.7	93.9	94.1	94.3	94.5	94.6	94.8	94.8
2400	59.3	66.2	81.4	87.9	88.7	91.2	93.4	93.7	94.6	94.8	95.1	95.3	95.5	95.6	95.8	95.8
2500	59.3	66.3	81.7	88.4	89.2	91.9	94.5	95.1	96.5	96.7	97.2	97.6	97.8	97.9	98.1	98.1
2600	59.3	66.3	81.7	88.4	89.3	92.0	94.8	95.4	97.0	97.3	97.8	98.2	98.5	98.6	98.8	98.8
2700	59.3	66.3	81.7	88.5	89.4	92.1	94.9	95.5	97.2	97.5	98.0	98.4	98.7	98.8	99.0	99.0
2800	59.3	66.3	81.7	88.5	89.4	92.1	94.9	95.5	97.2	97.6	98.1	98.5	98.8	99.0	99.2	99.2
2900	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.0	99.1	99.3	99.3
3000	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.0	99.1	99.3	99.3
3100	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.0	99.2	99.5	99.5
3200	59.3	66.3	81.7	88.5	89.4	92.2	95.0	95.6	97.3	97.6	98.1	98.6	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3439

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

STATION NAME HOHENFELS AAF GF

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
>100	25.2	37.5	36.6	4.4	40.5	41.1	41.4	41.4	41.7	41.8	41.8	41.9	42.6	47.8	43.1	
100	27.1	32.4	39.4	43.4	43.5	44.3	44.7	44.7	45.0	45.1	45.1	45.2	45.9	46.2	46.4	
200	27.6	33.0	40.0	44.0	44.1	44.9	45.2	45.2	45.6	45.7	45.7	45.8	46.5	46.7	47.0	
300	27.8	33.2	40.4	44.4	44.5	45.5	45.8	45.8	46.2	46.3	46.3	46.4	47.1	47.3	47.5	
400	28.6	34.1	41.4	45.5	45.6	46.5	46.8	46.8	47.2	47.3	47.3	47.4	48.1	48.3	48.6	
500	28.7	34.3	41.7	45.8	45.9	46.8	47.2	47.2	47.5	47.6	47.6	47.8	48.5	48.7	48.9	
600	29.5	35.2	42.9	47.1	47.2	48.1	48.5	48.6	48.9	49.0	49.0	49.1	49.8	50.1	50.3	
700	29.1	35.1	44.7	48.9	49.3	50.2	50.5	50.6	51.0	51.1	51.1	51.2	51.9	52.1	52.4	
800	32.0	38.6	49.5	53.7	54.2	55.5	55.9	56.0	56.4	56.5	56.5	56.7	57.4	57.6	57.9	
900	33.4	40.5	52.5	56.9	57.6	59.0	59.5	59.6	59.9	60.0	60.0	60.3	61.1	61.3	61.5	
1000	34.7	41.6	54.4	59.4	60.0	61.4	61.9	62.0	62.3	62.5	62.5	62.7	63.5	63.7	63.9	
1100	35.6	42.5	55.9	60.8	61.5	62.9	63.4	63.5	63.8	63.9	63.9	64.2	65.0	65.2	65.4	
1200	37.1	44.5	59.1	64.9	65.6	67.0	67.7	67.9	68.2	68.3	68.3	68.5	69.3	69.7	69.9	
1300	37.8	45.7	61.1	67.7	68.4	70.0	70.7	70.8	71.2	71.3	71.3	71.5	72.3	72.7	72.9	
1400	40.8	49.3	66.9	74.2	74.9	76.5	77.3	77.4	77.7	77.8	77.8	78.1	78.9	79.2	79.4	
1500	42.1	50.6	69.2	76.7	77.6	79.6	80.4	80.5	80.8	80.9	80.9	81.2	82.0	82.3	82.5	
1600	43.2	51.9	71.7	78.4	79.3	81.3	82.1	82.2	82.5	82.7	82.7	82.9	83.7	84.0	84.3	
1700	44.3	53.3	72.8	81.1	82.0	84.4	85.3	85.8	86.1	86.2	86.2	86.5	87.3	87.6	87.8	
1800	44.9	53.7	74.4	82.8	83.7	86.1	87.1	87.6	87.9	88.1	88.1	88.3	89.1	89.4	89.7	
1900	45.6	54.9	76.2	84.7	85.6	88.2	89.2	89.7	90.0	90.1	90.1	90.4	91.2	91.5	91.7	
2000	45.8	55.1	76.5	85.2	86.1	88.6	89.7	90.1	90.7	90.8	90.8	91.0	91.8	92.2	92.4	
2100	46.3	55.8	77.7	87.0	87.9	90.6	91.6	92.1	92.9	93.0	93.0	93.2	94.0	94.4	94.6	
2200	46.3	55.8	78.0	87.3	88.2	91.2	92.4	92.9	93.9	94.0	94.0	94.3	95.1	95.4	95.6	
2300	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.5	94.8	94.9	94.9	95.2	96.0	96.3	96.6	
2400	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	94.9	95.1	95.1	95.3	96.1	96.4	96.7	
2500	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.4	96.2	96.6	96.8	
2600	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.4	96.2	96.8	97.2	
2700	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.5	96.4	97.0	98.3	
2800	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.5	96.4	97.0	99.5	
2900	46.3	55.8	78.0	87.3	88.2	91.3	92.8	93.6	95.1	95.2	95.2	95.5	96.4	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

1715 HOFENFELS AAF GE

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1120

		VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)													
		GE02	GE04	GE06	GE08	GE10	GE12	GE14	GE16	GE18	GE20	GE22	GE24	GE26	GE28	GE30	GE32	GE34	GE36	GE38	GE40	GE42	GE44	GE46	GE48	GE50	GE52	GE54	GE56	GE58	GE60
1	1000	40.2	37.7	43.9	47.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
2	800	36.7	41.8	45.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
3	600	41.8	47.0	45.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
4	400	40.2	42.2	46.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
5	200	41.8	42.9	47.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
6	100	41.3	43.5	48.5	51.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
7	50	43.9	46.6	52.8	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
8	0	40.5	49.2	56.1	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
9	1000	46.6	49.7	56.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
10	800	47.4	50.5	58.5	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
11	600	47.9	51.9	59.7	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
12	400	47.7	53.7	64.0	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
13	200	51.4	55.5	66.7	68.8	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
14	100	56.7	63.7	77.2	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
15	50	51.3	66.4	81.1	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
16	0	54.1	69.9	84.7	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
17	1000	54.7	71.4	85.6	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
18	800	56.8	72.8	88.3	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
19	600	57.8	73.8	91.1	94.1	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
20	400	57.9	74.3	91.0	95.1	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
21	200	58.1	74.5	91.5	95.9	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
22	100	58.5	75.1	92.1	96.7	97.1	97.1	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
23	50	60.6	75.6	93.0	98.0	98.3	98.3	98.3	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
24	0	56.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
25	1000	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
26	800	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
27	600	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
28	400	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
29	200	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
30	100	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
31	50	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
32	0	58.6	75.6	93.0	98.1	98.4	98.4	98.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOFENFELS AAF GE

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-1000
HOURS

CEILING (FEET)	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	21	21	21	21	21
>16	GE90	GE8	GE5	GE48	GE4	GE32	GE24	GE27	GE16	GE12	GE1	GE08	GE05	GE03	GE0	GE0	GE0	GE0	GE0	GE0
1000	34.2	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
800	39.8	47.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
600	40.1	47.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
400	40.3	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
200	41.3	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
100	42.1	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
50	43.4	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
25	43.8	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
15	47.1	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
10	48.8	49.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
5	48.9	49.9	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
2	52.3	53.5	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
1	53.4	54.7	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0	57.3	59.7	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.5	62.3	64.7	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
0.25	73.9	76.5	80.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
0.1	79.3	82.3	86.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
0.05	80.9	84.3	88.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
0.025	82.3	85.8	90.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
0.01	84.6	88.3	92.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0.005	85.8	89.6	94.6	97.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0025	85.9	91.1	95.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
0.001	85.9	91.2	95.8	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0.0005	85.9	91.2	95.8	96.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0.00025	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.0001	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.00005	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.000025	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.00001	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.000005	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.0000025	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.000001	86.3	91.5	96.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 888

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715
STATION

HGHENFELS AAF GE
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥2000	36.9	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
1800	43.9	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
1600	45.4	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
1400	45.5	45.8	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
1200	46.3	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
1000	47.0	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
800	47.5	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
600	48.3	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
400	52.1	53.4	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
200	55.3	57.3	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
100	56.2	58.0	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
50	58.6	61.6	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
25	61.9	63.7	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
15	65.9	68.3	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
10	71.1	72.8	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
5	79.2	82.8	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2	91.9	86.1	89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1	93.0	87.5	90.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
0.5	94.1	88.6	92.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
0.25	95.4	90.1	93.7	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0.1	97.0	92.0	96.2	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0.05	97.2	92.3	96.8	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
0.025	97.2	92.3	96.8	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.01	97.2	92.3	97.0	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.005	97.4	92.4	97.2	99.3	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0025	97.4	92.4	97.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.001	97.4	92.4	97.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0005	97.4	92.4	97.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00025	97.4	92.4	97.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0001	97.4	92.4	97.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 7715 HCHENFELS AAF GE

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
≥20000	13.3	35.7	37.5	38.7	38.8	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.3	39.3	39.4
18000	37.4	39.4	42.3	43.6	43.6	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.2	44.3	44.3
16000	38.2	40.3	43.1	44.5	44.5	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.2
14000	39.4	41.5	43.4	44.7	44.7	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.4	45.4	45.5
12000	39.1	41.2	44.1	45.5	45.5	45.7	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.1	46.2	46.2
10000	39.5	41.7	44.7	46.0	46.0	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.7	46.8	46.8
8000	41.4	42.5	45.7	47.1	47.1	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.8	47.9	47.9
6000	40.9	43.2	46.9	48.3	48.3	48.5	48.7	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.2	49.2
4000	43.8	46.6	51.2	52.8	52.8	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.6	53.8	53.8	53.9
2000	46.3	49.2	54.3	56.1	56.1	56.6	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.2	57.2	57.3
1000	46.5	49.6	54.9	56.7	56.7	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.6	57.8	57.8	57.9
500	46.3	51.6	57.3	59.3	59.3	59.5	59.8	59.9	60.0	60.1	60.1	60.1	60.2	60.4	60.4	60.5
200	49.5	52.8	58.9	61.0	61.0	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	62.0	62.1	62.1
100	72.6	56.4	63.4	65.6	65.6	66.2	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.8	66.9	66.9
50	75.5	59.6	67.3	70.0	70.0	70.3	70.7	70.8	70.9	71.0	71.0	71.0	71.1	71.3	71.3	71.4
25	63.2	69.1	77.4	80.5	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.8	81.8	81.9
15	56.3	71.5	81.3	84.7	85.0	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.9	86.1	86.2	86.2
10	67.9	73.5	83.8	87.2	87.5	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.6	88.7	88.7
5	60.7	74.3	84.8	88.2	88.6	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.8	89.9	90.0
2	71.4	76.2	86.9	91.0	91.1	91.6	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.4	92.5	92.6
1	71.5	77.4	88.9	93.0	93.3	93.9	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.8	94.9	94.9
0.5	71.8	78.7	89.9	94.2	94.6	95.2	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.2	96.3	96.3
0.25	71.9	78.1	91.2	94.6	95.1	95.6	96.1	96.2	96.4	96.4	96.4	96.4	96.5	96.7	96.7	96.8
0.1	72.1	78.4	90.7	95.4	95.7	96.5	96.9	97.1	97.3	97.3	97.3	97.3	97.4	97.6	97.7	97.7
0.05	72.2	78.7	91.1	95.9	96.3	97.1	97.6	97.8	98.1	98.1	98.1	98.1	98.2	98.4	98.5	98.5
0.025	72.2	78.7	91.1	96.0	96.4	97.3	97.9	98.1	98.5	98.5	98.5	98.5	98.6	98.8	98.9	98.9
0.01	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.7	98.7	98.7	98.8	99.0	99.1	99.1
0.005	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	98.8	99.0	99.1	99.2
0.0025	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	98.8	99.1	99.3	99.3
0.001	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	98.8	99.1	99.3	99.6
0.0005	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	98.8	99.1	99.3	99.9
0.00025	72.2	78.7	91.1	96.0	96.4	97.4	98.0	98.2	98.7	98.8	98.8	98.8	98.8	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1531

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715
STATION

HOHENFELS AAF GE
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
LOCAL TIME

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0
1000	25.3	29.8	38.1	40.1	40.1	40.4	40.8	41.4	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.5
900	28.1	32.6	41.6	43.9	43.9	44.2	44.6	45.2	45.7	45.7	45.7	45.7	45.7	45.7	46.1	46.5
800	28.2	32.8	41.8	44.2	44.2	44.6	44.9	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.4	46.9
700	28.2	32.8	41.8	44.4	44.4	44.7	45.0	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.5	47.0
600	28.2	32.9	42.1	44.6	44.6	44.9	45.3	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.8	47.2
500	28.3	33.1	42.2	44.8	44.8	45.2	45.5	46.1	46.7	46.7	46.7	46.7	46.7	46.7	47.1	47.5
400	29.4	34.7	43.5	46.2	46.2	46.5	46.9	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.4	49.0
300	30.6	36.1	45.5	48.4	48.4	48.7	49.3	50.0	50.6	50.6	50.6	50.6	50.6	50.6	50.9	51.5
200	32.5	39.8	49.4	53.0	53.1	53.6	54.3	55.0	55.5	55.6	55.6	55.6	55.6	55.6	56.0	56.6
100	34.6	41.4	52.8	56.7	56.9	57.5	58.4	59.1	59.7	59.8	59.8	59.8	59.8	59.8	60.1	60.7
000	34.8	41.7	53.1	57.0	57.3	57.8	58.8	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.5	61.1
500	35.3	42.9	55.4	59.8	60.1	60.7	61.6	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.5	64.1
400	36.6	44.6	57.3	62.3	62.7	63.4	64.3	65.0	65.6	65.8	65.8	65.8	65.8	65.8	66.1	66.7
300	38.8	47.9	62.4	68.4	68.8	69.5	70.5	71.2	71.8	72.0	72.0	72.0	72.0	72.0	72.4	72.9
200	40.7	50.3	66.1	72.4	72.7	73.4	74.5	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.5	77.1
100	42.5	53.0	70.0	77.5	77.9	78.7	79.8	80.5	81.3	81.6	81.6	81.6	81.6	81.6	82.0	82.6
000	43.3	53.9	71.7	79.5	80.1	81.2	82.7	83.4	84.2	84.4	84.4	84.4	84.4	84.4	84.9	85.5
500	44.1	55.1	73.6	81.7	82.3	83.5	85.1	85.8	86.6	86.9	86.9	86.9	86.9	86.9	87.3	87.9
400	44.1	55.1	73.8	82.1	82.8	84.1	85.7	86.4	87.2	87.4	87.4	87.4	87.4	87.4	87.9	88.5
300	44.8	55.9	75.1	83.5	84.1	85.5	87.1	87.8	88.6	88.9	88.9	88.9	88.9	88.9	89.4	90.0
200	45.5	56.9	76.3	85.4	85.9	87.3	89.4	90.1	90.9	91.2	91.4	91.4	91.4	91.4	91.9	92.5
100	45.9	57.3	77.1	86.6	87.2	88.9	91.2	91.9	92.9	93.2	93.3	93.3	93.3	93.3	93.9	94.5
000	45.9	57.4	77.3	86.9	87.4	89.2	91.5	92.3	93.5	94.1	94.2	94.2	94.2	94.2	94.8	95.4
500	45.9	57.5	78.1	87.8	88.4	90.3	92.6	93.4	94.7	95.3	95.4	95.4	95.4	95.4	96.0	96.5
400	46.2	57.8	78.5	88.4	88.9	91.1	93.8	94.6	96.0	96.7	96.9	96.9	96.9	96.9	97.5	98.0
300	46.2	57.8	78.5	88.7	89.3	91.6	94.5	95.3	96.7	97.4	97.7	97.7	97.7	97.7	98.3	98.8
200	46.2	57.8	78.5	88.7	89.3	91.6	94.5	95.3	96.8	97.6	97.9	97.9	97.9	97.9	98.5	99.1
100	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.2	98.8	99.5
000	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.2	98.8	99.9
500	46.2	57.8	78.5	88.7	89.3	91.6	94.6	95.4	97.0	97.8	98.2	98.2	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 858

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1971
HOFENFELS AAF GE

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)				
	26	24	22	20	18	16	14	12	10	8	6	4	2	1	0.5	0.25	0.15	0.1	0.05	0.025	0.015
>160	36.7	39.1	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
160-180	36.3	39.5	42.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
180-200	36.5	39.6	42.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
200-220	36.9	40.1	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
220-240	41.0	41.3	44.3	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
240-260	41.0	42.6	45.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
260-280	42.5	44.1	47.2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
280-300	45.7	47.7	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
300-320	47.0	49.3	53.5	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
320-340	47.1	49.3	53.5	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
340-360	48.5	51.7	56.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
360-380	50.3	53.2	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
380-400	53.7	56.6	64.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
400-420	57.4	61.0	69.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
420-440	64.9	70.8	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
440-460	67.0	77.9	82.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
460-480	69.3	75.2	85.7	88.3	88.5	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
480-500	69.9	75.8	86.3	89.0	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
500-520	71.8	77.9	89.0	92.6	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
520-540	72.9	79.3	91.4	94.3	94.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
540-560	72.9	79.4	91.1	95.0	95.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
560-580	72.9	79.7	91.3	95.3	95.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
580-600	73.0	79.9	92.1	96.3	96.5	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600-620	73.0	79.9	92.7	97.1	97.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
620-640	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
640-660	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
660-680	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
680-700	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700-720	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
720-740	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
740-760	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
760-780	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
780-800	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800-820	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
820-840	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
840-860	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
860-880	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
880-900	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900-920	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
920-940	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
940-960	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
960-980	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
980-1000	73.0	79.9	92.7	97.1	97.3	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 866

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 HOFENFELS AAF GE

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	210	200	250	300
210	79.7	37.4	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
200	34.6	35.3	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
250	34.7	35.4	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
300	34.9	35.5	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
350	35.5	36.2	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
400	36.0	36.7	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
450	38.2	38.9	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
500	39.4	40.2	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
550	43.9	44.8	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
600	45.1	46.3	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
650	45.5	46.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
700	49.4	51.7	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
750	52.2	53.6	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
800	59.1	61.4	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
850	64.9	67.4	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
900	78.6	82.5	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
950	82.1	86.2	90.7	91.2	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1000	83.2	87.9	92.9	93.4	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1050	93.5	88.2	93.3	93.7	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1100	94.6	89.4	94.7	95.2	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1150	95.5	90.6	96.1	96.7	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1200	95.7	91.2	97.0	97.6	97.7	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1250	95.8	91.3	97.3	97.8	97.9	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1300	95.9	91.7	97.9	98.9	99.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1350	95.9	91.7	97.9	98.9	99.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1400	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1450	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1550	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1650	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1700	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1750	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	96.1	91.8	98.1	99.0	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HCHENFELS AAF GE

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	20	25	24	23	22	22	21	21	21	21	21	21	2516	24	20
20000	33.6	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
18000	39.4	40.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
16000	40.8	42.0	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
14000	40.9	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
12000	41.4	42.8	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
10000	41.9	43.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
8000	45.1	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
6000	47.4	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
4000	51.5	53.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2000	53.5	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
1500	53.8	55.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
1000	59.5	61.1	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
800	63.6	65.3	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
600	70.6	72.9	75.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
400	75.9	78.9	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
200	83.9	87.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
150	86.1	89.9	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
100	87.7	91.6	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
80	88.2	92.3	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
60	88.2	92.7	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
40	88.3	93.1	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
20	88.3	93.1	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
10	88.3	93.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
300	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
50	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20	88.3	93.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 871

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 HOFENFELS AAF GE
STATION NAME

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ELEVATION FEET	VISIBILITY STATUTE MILES															
	GE160	GE90	GE60	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE6	GE5	GE4	GE3
1000	31.0	32.0	35.7	36.3	36.3	36.4	36.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9
2000	35.0	36.9	40.1	40.9	40.9	40.9	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.5
3000	35.5	37.4	40.7	41.5	41.5	41.6	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.2
4000	35.6	37.5	40.8	41.6	41.6	41.7	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.3
5000	36.0	38.0	41.4	42.2	42.2	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.8
6000	36.6	38.6	42.0	42.8	42.8	42.9	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.5
7000	36.4	40.6	44.0	44.9	44.9	45.0	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.6
8000	40.0	42.3	45.8	46.8	46.8	46.8	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.5
9000	43.4	46.1	50.1	51.2	51.2	51.3	51.5	51.7	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1
10000	45.1	48.0	52.5	53.9	53.9	54.1	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.9
11000	45.3	48.3	52.8	54.1	54.1	54.3	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.1
12000	48.2	51.4	56.6	58.1	58.2	58.3	58.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.2
13000	50.7	54.2	59.6	61.2	61.3	61.5	61.8	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.4
14000	55.6	59.7	66.4	68.3	68.4	68.6	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5
15000	59.7	64.4	71.8	73.9	74.0	74.3	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.3
16000	57.5	73.5	81.9	84.4	84.5	85.0	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.8	86.0
17000	69.7	75.7	84.6	87.4	87.6	88.1	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.3
18000	71.1	77.5	86.9	89.8	90.0	90.7	91.1	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.9
19000	71.4	77.7	87.2	90.2	90.4	91.1	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.4
20000	72.4	78.9	88.8	92.0	92.2	93.0	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.3
21000	73.0	79.9	89.9	93.5	93.7	94.5	95.1	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.8	96.0
22000	73.2	80.3	90.7	94.3	94.5	95.5	96.1	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.9	97.1
23000	73.2	80.4	90.9	94.6	94.8	95.7	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.3	97.4	97.5
24000	73.3	80.6	91.6	95.5	95.7	96.8	97.5	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.6
25000	73.4	80.7	91.9	95.9	96.1	97.2	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.4
26000	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.6	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.7
27000	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.7
28000	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.6	99.7	99.9
29000	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.6	99.7	99.9
30000	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.6	99.7	100.0
31000	73.4	80.7	91.9	96.0	96.2	97.4	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715 HOFENFELS AAF GE

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

260-0820

ELEVATION FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	>160	GE90	GE80	GE60	GE40	GE20	GE10	GE5	GE2	GE1	GE0.5	GE0.25	GE0.1	GE0.05	GE0.025	GE0.01
20000	26.2	31.8	39.1	42.8	43.1	43.8	44.2	44.4	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7
18000	27.6	33.9	41.4	45.6	45.9	46.6	47.0	47.0	47.1	47.3	47.4	47.4	47.5	47.5	47.5	47.5
16000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
14000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
12000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
10000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
8000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
6000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
4000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
2000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
0	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
18000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
16000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
14000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
12000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
10000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
8000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
6000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
4000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
2000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
0	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
18000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
16000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
14000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
12000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
10000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
8000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
6000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
4000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
2000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
0	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
18000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
16000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
14000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
12000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
10000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
8000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
6000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
4000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
2000	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6
0	27.6	33.9	41.6	45.8	46.0	46.7	47.1	47.1	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6

TOTAL NUMBER OF OBSERVATIONS 859

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOHENFELS AAF GF

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)													
	>10	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100	125	150	175	200	225	250	275	300	325	350	375	400	
>1000	32.3	35.0	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
2 2000	34.8	37.7	42.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
2 1800	35.4	38.4	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
2 1600	35.4	38.4	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
2 1400	36.0	39.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	
2 1200	36.4	39.4	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
2 1000	36.7	42.2	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
2 900	39.1	42.6	49.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	
2 800	43.2	47.7	54.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
2 700	44.3	48.6	56.2	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
2 600	44.7	48.9	56.6	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	
2 500	46.5	52.7	60.0	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
2 450	47.8	53.5	61.8	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
2 400	51.5	57.9	67.9	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
2 350	54.4	61.2	72.3	74.9	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
2 300	59.3	66.5	80.0	83.0	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	
2 250	61.5	69.0	83.1	86.5	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
2 200	62.8	70.5	84.9	88.5	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
2 180	53.1	71.7	85.4	89.1	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
2 150	64.3	72.2	87.9	92.0	92.5	93.7	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
2 120	64.3	72.4	88.5	93.1	93.7	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
2 100	64.5	72.8	89.1	94.7	95.3	96.2	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
2 900	64.7	73.1	89.7	95.8	96.4	97.3	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
2 800	64.7	73.1	89.9	96.5	97.1	98.0	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
2 700	64.7	73.1	89.9	96.5	97.1	98.0	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
2 600	64.7	73.1	89.9	96.7	97.3	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
2 500	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2 400	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2 300	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2 200	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2 100	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2 0	64.7	73.1	89.9	96.7	97.3	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS 889

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1200-1400

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: HOFFENFELD AAF GE

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1970

ELEVATION FEET	VISIBILITY - STATUTE MILES												CEILING (HUNDREDS OF FEET)			
	GE 0	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
0-100	33.1	33.4	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
100-200	38.5	39.3	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
200-300	39.5	40.5	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
300-400	39.6	40.6	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
400-500	41.1	41.1	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
500-600	41.6	42.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
600-700	44.4	45.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
700-800	45.6	46.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
800-900	51.7	53.6	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
900-1000	55.9	57.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
1000-1100	55.9	58.0	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
1100-1200	60.2	62.9	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
1200-1300	67.2	68.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
1300-1400	69.1	73.6	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
1400-1500	72.5	77.9	83.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
1500-1600	79.5	84.6	90.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1600-1700	79.1	85.6	92.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1700-1800	79.4	86.1	93.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1800-1900	79.4	86.1	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1900-2000	79.5	86.2	94.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2000-2100	79.9	86.7	95.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2100-2200	80.0	86.9	95.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2200-2300	80.0	87.0	95.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2300-2400	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2400-2500	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2500-2600	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2600-2700	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2700-2800	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2800-2900	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2900-3000	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3000-3100	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3100-3200	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3200-3300	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3300-3400	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3400-3500	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3500-3600	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3600-3700	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3700-3800	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3800-3900	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3900-4000	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4000-4100	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4100-4200	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4200-4300	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4300-4400	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4400-4500	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4500-4600	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4600-4700	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4700-4800	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4800-4900	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4900-5000	80.0	87.0	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 855

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

107715 MOHNFELT AAF GF

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ALL

	VISIBILITY STATUTE MILES																OR IN HUNDREDS OF METERS			
	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	200	240	280	320
1000	30.3	32.7	36.3	37.4	37.4	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
900	32.6	36.3	42.1	41.5	41.6	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0
800	34.1	36.8	44.8	42.0	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5
700	34.1	36.9	43.9	42.1	42.2	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6
600	34.4	37.1	41.2	42.4	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9
500	35.2	38.7	42.4	43.6	43.7	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
400	37.1	40.2	45.4	46.8	46.8	47.0	47.1	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
300	37.8	40.9	46.4	47.9	47.9	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4
200	41.9	46.0	52.1	53.9	53.9	54.1	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
100	44.3	48.7	55.4	57.3	57.4	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
50	44.6	47.7	55.7	57.7	57.8	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
25	47.4	52.8	59.9	62.1	62.2	62.5	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
10	49.9	54.8	62.0	64.3	64.4	64.7	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
5	52.9	61.0	69.6	72.1	72.2	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
2	57.2	65.1	74.6	77.4	77.6	78.0	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
1	52.5	71.2	82.1	85.4	85.6	86.0	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7
0.5	54.2	73.2	84.9	88.5	88.7	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0
0.25	54.9	74.0	86.0	89.8	90.0	90.7	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
0.1	65.1	74.3	86.3	90.2	90.4	91.1	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
0.05	65.6	74.9	87.8	91.9	92.2	93.1	93.5	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
0.025	65.9	75.4	88.6	93.6	94.0	95.0	95.5	95.6	95.9	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
0.01	66.0	75.7	89.2	94.3	95.3	96.5	97.0	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
0.005	66.2	75.9	89.6	95.5	96.0	97.3	98.0	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
0.0025	66.2	75.9	89.7	95.8	96.3	97.6	98.3	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
0.001	66.2	75.9	89.7	95.8	96.3	97.6	98.3	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
0.0005	66.2	75.9	89.7	95.9	96.3	97.7	98.4	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
0.00025	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.0001	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.00005	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.000025	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
0.00001	66.2	75.9	89.7	95.9	96.3	97.7	98.5	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 3498

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 WOHNFELS AAF GF

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2500-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	00 (HUNDREDS OF METERS)															
	210 GE16	20 GE9	25 GE8	24 GE6	23 GE48	22 GE4	21 GE32	21 GE24	21 GE20	21 GE16	20 GE12	21 GE10	21 GE08	2516 GE05	20 GE04	20 GE0
1 UN	14.2	20.3	29.7	36.1	36.2	38.1	40.0	40.6	41.8	41.9	42.3	42.8	43.5	43.9	44.6	44.6
2 2000	15.4	21.6	31.1	38.6	38.7	41.0	43.2	43.9	45.4	45.6	46.1	46.6	47.4	47.9	48.8	48.8
2 1800	15.5	21.7	31.2	38.8	38.9	41.2	43.5	44.1	45.6	45.8	46.3	46.9	47.7	48.1	49.0	49.0
2 1600	15.5	21.7	31.2	38.8	38.9	41.2	43.5	44.1	45.6	45.8	46.3	46.9	47.7	48.1	49.0	49.0
2 1400	15.9	22.2	31.6	39.2	39.4	41.6	43.9	44.6	46.2	46.4	46.9	47.4	48.2	48.7	49.6	49.6
2 1200	16.7	23.1	33.1	41.1	41.2	43.6	45.8	46.5	48.2	48.5	48.9	49.5	50.4	50.9	51.8	51.8
2 1000	17.0	23.4	33.6	42.1	42.3	44.7	47.2	47.9	49.6	49.8	50.3	50.9	51.8	52.2	53.2	53.2
2 900	17.0	23.9	34.2	42.9	43.1	45.5	48.1	48.7	50.4	50.6	51.1	51.6	52.6	53.0	54.0	54.0
2 800	17.9	26.4	38.1	47.4	47.7	50.2	52.7	53.4	55.1	55.3	55.7	56.3	57.3	57.9	59.0	59.0
2 700	19.2	28.2	40.4	50.3	50.5	53.2	55.7	56.5	58.2	58.5	58.9	59.6	60.6	61.2	62.5	62.5
2 600	19.7	28.7	40.8	50.9	51.1	53.8	56.3	57.1	58.8	59.7	59.5	60.2	61.2	61.8	63.0	63.0
2 500	20.4	30.0	42.7	53.4	53.6	56.4	59.2	60.0	61.8	62.0	62.5	63.1	64.3	64.8	66.1	66.1
2 400	21.5	31.5	44.4	55.7	56.0	58.8	61.5	62.3	64.2	64.4	64.8	65.5	66.7	67.2	68.5	68.5
2 300	22.6	33.0	47.2	60.0	60.4	63.9	66.8	67.6	70.0	70.3	70.8	71.4	72.7	73.5	74.7	74.7
2 200	23.7	33.7	48.1	62.1	62.8	66.6	69.5	70.3	72.9	73.4	73.8	74.6	75.9	76.7	77.9	77.9
2 100	24.3	35.4	51.5	67.3	67.8	72.1	75.3	76.1	78.7	79.2	79.6	80.4	81.7	82.5	83.7	83.7
2 100	24.6	36.7	52.2	68.0	68.8	73.4	76.6	77.4	80.0	80.5	81.0	81.8	83.0	83.8	85.1	85.1
2 100	25.1	36.9	53.2	69.3	70.1	74.6	77.9	79.1	82.0	82.7	83.3	84.1	85.3	86.1	87.4	87.4
2 100	25.1	36.9	53.5	69.7	70.6	75.4	78.7	79.9	82.8	83.5	84.1	84.9	86.1	86.9	88.2	88.2
2 100	25.4	37.2	54.0	70.5	71.4	76.3	79.9	81.0	84.0	84.6	85.2	86.0	87.3	88.1	89.3	89.3
2 100	25.7	37.8	55.2	71.8	72.7	78.2	81.9	83.0	86.0	86.7	87.3	88.1	89.3	90.1	91.4	91.4
2 100	26.2	38.2	56.2	73.8	75.0	81.7	84.9	86.1	89.2	89.9	90.4	91.2	92.5	93.3	94.5	94.5
2 100	26.3	38.5	56.7	74.3	75.4	81.5	85.3	86.6	89.9	90.6	91.1	91.9	93.2	94.0	95.2	95.2
2 100	26.5	38.7	57.5	75.1	76.2	82.3	86.1	87.5	90.8	91.5	92.0	92.8	94.1	94.9	96.1	96.1
2 100	26.5	38.8	57.6	75.4	76.6	82.6	86.5	88.1	91.4	92.0	92.8	93.6	94.9	95.7	96.9	96.9
2 100	26.5	38.8	57.6	75.4	76.6	82.6	86.6	88.3	91.6	92.3	93.1	93.9	95.1	95.9	97.2	97.2
2 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.7	92.4	93.2	94.1	95.4	96.2	97.5	97.5
2 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.5	94.5	96.1	96.9	98.2	98.2
2 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.3	98.6	98.6
2 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.5	99.4	99.4
2 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.5	99.9	99.9
2 100	26.5	38.8	57.6	75.5	76.7	82.7	86.7	88.4	91.9	92.6	93.6	94.7	96.5	97.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715 HCHENFELS AAF GE

74-83

ANG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1130

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	>16	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
>1600	34.2	28.8	37.8	42.2	42.3	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
2000	26.7	31.9	41.6	46.4	46.5	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1800	26.9	32.1	41.8	46.8	46.9	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
1600	7.1	32.3	41.9	46.9	47.1	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
1400	27.5	32.8	42.5	47.5	47.6	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
1200	28.0	33.5	43.3	48.3	48.4	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
1000	28.9	34.7	45.1	51.2	50.3	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
800	29.1	35.4	45.7	51.1	51.2	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
600	32.1	38.6	49.7	55.6	55.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
400	33.5	41.2	51.8	58.0	58.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
200	33.9	41.6	52.4	58.6	58.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
100	35.3	42.3	55.6	62.6	62.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
50	36.2	43.3	56.6	63.6	63.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
25	36.5	46.9	62.0	69.6	69.7	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
10	40.8	49.4	65.9	73.9	74.1	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
5	45.7	54.8	73.1	82.9	83.3	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2	46.8	56.1	74.6	84.6	85.1	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1	48.3	57.4	76.5	86.8	87.2	88.9	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
0	48.5	57.7	77.0	87.3	87.8	89.4	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.5	49.6	59.3	78.9	89.4	90.1	91.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
0.25	50.3	60.2	80.3	91.3	92.0	93.9	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0.1	51.6	61.8	81.5	92.5	93.5	96.0	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
0.05	51.8	61.1	81.9	92.9	93.9	96.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
0.025	51.1	61.3	82.4	93.7	94.7	97.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
0.01	51.1	61.3	82.4	93.9	94.9	97.3	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
0.005	51.1	61.3	82.4	94.0	95.0	97.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
0.0025	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
0.001	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
0.0005	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
0.00025	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
0.0001	51.1	61.3	82.4	94.0	95.0	97.4	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

37715 HOHENFELS AAF GF

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.00

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	GE90	GF80	GE60	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE6	GE4	GE0
≥2000	31.2	32.9	37.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥1800	35.5	38.5	44.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥1600	35.8	38.8	44.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥1400	36.3	39.3	44.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥1200	36.6	39.7	45.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥1000	38.8	42.0	47.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥900	39.6	42.8	48.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥800	42.8	46.2	52.7	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥700	44.7	49.3	54.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥600	45.0	49.8	55.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥500	47.2	51.5	59.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥450	49.1	53.5	61.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥400	54.1	59.2	69.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥350	59.0	64.9	76.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥300	65.3	72.2	85.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥250	66.3	73.3	87.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥200	67.0	74.3	88.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥180	67.6	75.0	89.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥160	68.9	76.4	91.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥140	69.9	77.5	92.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥120	70.2	78.1	93.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥100	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥90	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥80	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥70	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥60	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥50	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥40	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥30	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥20	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥10	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥0	70.2	78.1	94.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

~~1500-1720~~

TOTAL NUMBER OF OBSERVATIONS 274

USAF ETAC ^{FORM} 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOFENFELS AAF GE

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY STATUTE MILES	OR (HUNDREDS OF METERS)															
	216	240	264	288	312	336	360	384	408	432	456	480	504	528	552	576
1000	26.6	30.1	36.6	39.8	39.9	40.5	41.0	41.2	41.5	41.5	41.6	41.7	41.9	42.0	42.2	42.2
900	10.5	34.3	41.4	45.1	45.1	45.8	46.5	46.6	47.0	47.0	47.2	47.3	47.5	47.6	47.8	47.8
800	7.8	34.7	41.8	45.5	45.6	46.3	46.9	47.1	47.4	47.5	47.6	47.8	47.9	48.1	48.3	48.3
700	11.1	34.9	42.0	45.8	45.8	46.5	47.2	47.3	47.7	47.8	47.9	48.0	48.2	48.3	48.5	48.5
600	11.4	35.3	42.4	46.2	46.2	46.9	47.6	47.8	48.1	48.2	48.3	48.5	48.7	48.8	49.0	49.0
500	11.9	35.8	43.2	47.1	47.2	48.0	48.7	48.8	49.3	49.3	49.4	49.6	49.8	49.9	50.1	50.1
400	13.2	37.4	44.9	49.0	49.1	50.0	50.7	50.8	51.3	51.3	51.4	51.6	51.8	51.9	52.2	52.2
300	13.7	38.1	45.8	49.9	50.0	50.9	51.6	51.7	52.2	52.2	52.3	52.5	52.7	52.8	53.1	53.1
200	16.8	42.7	52.6	55.3	55.4	56.3	57.0	57.1	57.6	57.6	57.7	57.9	58.1	58.3	58.5	58.5
100	38.6	44.7	53.0	58.0	58.1	59.0	59.7	59.9	60.3	60.4	60.5	60.7	60.9	61.1	61.4	61.4
50	75.1	44.5	53.5	58.5	58.6	59.6	60.3	60.5	60.9	61.0	61.1	61.2	61.5	61.6	62.0	62.0
25	41.1	47.1	57.2	62.7	62.7	63.7	64.5	64.7	65.1	65.2	65.3	65.5	65.7	65.9	66.2	66.2
12.5	42.4	48.8	59.1	64.7	64.8	65.8	66.5	66.7	67.2	67.2	67.4	67.5	67.8	67.9	68.3	68.3
6.25	45.7	52.8	64.5	70.8	70.9	72.1	72.9	73.1	73.7	73.8	73.9	74.1	74.4	74.6	74.9	74.9
3.125	44.3	56.0	68.4	75.3	75.6	76.9	77.7	77.9	78.6	78.7	78.8	79.0	79.3	79.5	79.8	79.8
1.5625	52.6	61.7	75.0	83.7	83.3	84.9	85.8	86.0	86.7	86.8	86.9	87.1	87.4	87.6	87.9	87.9
0.78125	53.4	62.0	76.5	84.6	85.7	86.7	87.6	87.9	88.5	88.7	88.8	89.0	89.3	89.5	89.8	89.8
0.390625	54.2	62.9	77.7	86.0	86.3	88.1	89.1	89.4	90.2	90.3	90.5	90.7	91.0	91.2	91.5	91.5
0.1953125	54.4	63.1	78.1	86.4	86.8	88.4	89.6	89.9	90.7	90.9	91.0	91.2	91.5	91.7	92.0	92.0
0.09765625	55.0	63.9	79.4	87.9	88.2	90.2	91.3	91.6	92.4	92.6	92.7	92.9	93.2	93.4	93.7	93.7
0.048828125	55.7	64.8	80.6	89.3	89.7	92.0	93.3	93.6	94.4	94.6	94.7	94.9	95.2	95.4	95.7	95.7
0.0244140625	56.7	65.3	81.7	90.7	91.3	93.9	95.3	95.8	96.5	96.7	96.9	97.0	97.4	97.6	97.9	97.9
0.01220703125	56.1	65.4	81.9	90.9	91.5	94.1	95.6	96.0	96.8	97.0	97.1	97.3	97.7	97.9	98.2	98.2
0.006103515625	56.2	65.5	82.3	91.3	92.0	94.6	96.0	96.5	97.3	97.5	97.6	97.8	98.2	98.4	98.7	98.7
0.0030517578125	56.2	65.6	82.3	91.5	92.1	94.7	96.2	96.8	97.6	97.8	98.0	98.2	98.5	98.7	99.0	99.0
0.00152587890625	56.2	65.6	82.3	91.5	92.2	94.8	96.3	96.9	97.8	97.9	98.1	98.3	98.7	98.8	99.2	99.2
0.000762939453125	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.8	98.0	98.2	98.4	98.8	99.0	99.3	99.3
0.0003814697265625	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.3	98.6	99.0	99.2	99.5	99.5
0.00019073486328125	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.4	98.6	99.1	99.3	99.6	99.6
0.000095367431640625	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.4	98.6	99.1	99.4	99.9	99.9
0.0000476837158203125	56.2	65.6	82.3	91.5	92.2	94.8	96.4	97.0	97.9	98.1	98.4	98.6	99.1	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3556

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715

HONOLULU AAF GF

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
2000	10.0	12.7	18.2	22.3	22.8	25.1	26.3	27.6	28.5	29.0	29.9	31.5	33.2	34.5	38.0	32.7
1800	10.0	12.7	18.3	22.4	22.9	25.1	26.5	27.1	28.7	29.1	30.0	31.6	33.3	34.6	38.3	
1600	10.0	12.7	18.5	22.7	23.2	25.4	26.7	27.3	28.9	29.4	30.2	31.9	33.5	34.9	38.5	
1400	10.0	12.7	18.5	22.8	23.3	25.5	26.8	27.4	29.0	29.5	30.4	31.0	33.7	35.0	38.7	
1200	10.2	12.9	18.9	23.2	23.7	25.9	27.2	27.8	29.4	29.9	30.7	31.3	34.0	35.3	39.1	
1000	11.9	13.5	19.9	24.3	24.8	27.0	28.3	28.9	30.7	31.2	32.2	32.9	36.1	37.6	41.7	
800	11.0	13.7	20.4	25.1	25.9	28.7	29.5	30.2	32.2	32.7	33.8	34.5	37.9	39.4	43.5	
600	12.2	15.0	22.9	28.0	28.8	31.7	33.2	33.9	36.3	36.8	37.9	38.7	42.3	43.9	48.2	
400	13.3	16.5	25.4	31.0	31.7	34.1	36.2	37.1	39.9	40.5	41.6	42.3	46.1	47.7	52.1	
200	13.9	17.1	26.1	32.0	32.7	35.1	37.3	38.2	41.0	41.6	42.7	43.4	47.2	48.8	53.2	
100	15.0	18.3	28.2	34.9	35.6	38.0	40.4	41.2	44.0	44.6	45.7	46.5	50.4	52.0	56.3	
50	15.2	18.7	28.8	35.6	36.3	39.0	41.3	42.2	45.0	45.6	46.7	47.4	51.3	52.9	57.3	
25	16.6	21.0	31.5	39.4	40.2	42.9	45.4	46.2	49.1	49.8	51.0	51.8	55.7	57.4	62.0	
12.5	17.2	21.7	33.3	42.0	42.8	45.9	48.3	49.3	52.3	52.9	54.4	55.2	59.1	60.9	65.4	
6.25	19.1	24.4	38.3	48.2	49.1	52.7	55.1	56.1	59.1	59.8	61.3	62.2	66.3	68.0	72.7	
3.125	19.4	24.8	39.5	49.8	50.7	54.5	57.4	58.7	61.7	62.3	63.9	64.8	68.9	70.6	75.2	
1.5625	20.0	25.4	40.5	51.2	52.2	56.0	58.9	60.1	63.7	64.4	66.1	67.0	71.1	72.9	77.6	
0.78125	20.6	26.5	42.1	54.1	55.1	59.1	62.1	63.3	67.0	67.8	69.5	70.4	74.5	76.3	81.0	
0.390625	20.7	26.6	42.6	55.4	56.3	60.4	63.4	64.6	68.5	69.4	71.2	72.4	76.6	78.4	83.0	
0.1953125	20.9	26.7	43.2	56.5	57.4	61.6	64.6	66.0	70.4	71.2	73.0	74.3	78.5	80.5	85.1	
0.09765625	21.1	26.8	43.3	56.8	57.8	62.1	65.5	66.8	71.5	72.3	74.1	75.4	79.6	81.6	86.2	
0.048828125	21.1	27.2	43.7	57.3	58.3	62.7	66.2	67.6	72.3	73.2	75.1	76.3	80.6	82.6	87.2	
0.0244140625	21.1	27.2	43.7	57.4	58.4	62.9	66.6	67.9	72.8	73.7	75.6	77.0	81.5	83.4	88.0	
0.01220703125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.0	73.9	75.9	77.2	81.7	83.7	88.3	
0.006103515625	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.2	74.0	76.0	77.3	82.1	84.0	88.9	
0.0030517578125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.2	74.0	76.0	77.3	82.1	84.0	88.9	
0.00152587890625	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.1	77.4	83.4	86.0	93.4	
0.000762939453125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.1	77.4	83.4	86.1	96.1	
0.0003814697265625	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.2	77.6	83.7	86.6	97.3	
0.00019073486328125	21.1	27.2	43.7	57.4	58.5	63.0	66.7	68.0	73.3	74.1	76.2	77.6	84.0	87.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7715

STATION NAME
HOFENFELS AAF GF

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
20000	17.0	24.3	32.2	38.4	38.8	40.2	41.6	41.9	42.1	42.1	42.4	42.5	42.6	42.7	42.7	42.7
18000	20.2	24.5	32.5	38.7	39.2	40.5	41.9	42.2	42.5	42.5	42.7	42.8	42.9	43.0	43.0	43.0
16000	20.2	24.5	32.5	38.7	39.2	40.5	41.9	42.2	42.5	42.5	42.7	42.8	42.9	43.0	43.0	43.0
14000	20.3	24.7	32.6	38.8	39.3	40.6	42.0	42.4	42.6	42.6	42.8	42.9	43.0	43.2	43.2	43.2
12000	20.8	25.1	33.1	39.4	39.8	41.2	42.6	42.9	43.2	43.2	43.4	43.5	43.6	43.7	43.7	43.7
10000	21.6	26.0	34.7	41.0	41.4	42.8	44.3	44.6	44.9	44.9	45.1	45.2	45.3	45.4	45.4	45.4
9000	22.0	26.7	35.8	42.2	42.7	44.1	45.5	45.9	46.1	46.1	46.3	46.5	46.6	46.7	46.7	46.7
8000	24.9	30.3	41.1	47.8	48.3	49.7	51.4	51.7	52.1	52.1	52.3	52.4	52.5	52.6	52.6	52.6
7000	26.5	32.4	44.4	51.5	51.9	53.3	55.1	55.5	55.8	55.8	56.1	56.3	56.4	56.5	56.5	56.5
6000	26.8	33.0	45.2	52.3	52.7	54.1	55.9	56.3	56.6	56.6	56.8	57.1	57.2	57.3	57.3	57.3
5000	28.5	34.8	48.1	55.6	56.2	57.8	59.6	59.9	60.3	60.3	60.5	60.7	60.8	61.0	61.0	61.0
4500	29.1	35.6	48.9	56.6	57.2	59.0	60.8	61.2	61.5	61.5	61.8	62.0	62.1	62.2	62.2	62.2
4000	31.6	38.4	52.2	60.7	61.3	63.2	65.2	65.5	66.1	66.1	66.3	66.6	66.7	66.8	66.8	66.8
3500	33.7	41.3	56.2	64.7	65.6	67.7	69.7	70.1	70.8	70.8	71.0	71.2	71.3	71.5	71.5	71.5
3000	36.0	44.6	62.8	70.1	71.0	73.2	75.3	75.8	76.5	76.5	76.7	76.9	77.1	77.2	77.2	77.2
2500	37.4	46.5	63.1	73.2	74.1	76.4	78.5	79.1	79.9	79.9	80.1	80.4	80.5	80.6	80.6	80.6
2000	38.7	47.9	65.2	75.3	76.4	78.7	80.8	81.4	82.4	82.4	82.6	82.9	83.0	83.1	83.1	83.1
1800	38.9	48.2	65.6	75.8	76.8	79.1	81.3	81.8	82.9	82.9	83.1	83.3	83.4	83.6	83.6	83.6
1600	39.8	49.4	67.8	79.2	80.4	82.9	85.5	86.3	87.3	87.3	87.7	87.9	88.0	88.1	88.1	88.1
1400	41.5	50.1	68.6	81.4	81.7	84.2	87.0	87.8	89.0	89.2	89.6	90.0	90.1	90.2	90.2	90.2
1200	40.5	50.1	69.1	81.3	82.8	85.4	88.1	88.9	90.5	90.6	91.6	91.9	92.0	92.2	92.2	92.2
1000	40.5	50.2	69.2	81.5	83.0	85.7	88.8	89.7	91.4	91.6	92.6	92.9	93.0	93.3	93.3	93.3
900	40.6	50.5	69.4	82.2	83.7	86.6	89.7	90.6	92.6	92.7	93.7	94.1	94.2	94.4	94.4	94.4
800	40.6	50.5	69.4	82.5	84.0	87.1	90.8	91.9	94.3	94.4	95.4	95.8	95.9	96.1	96.1	96.1
700	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.6	94.7	96.0	96.3	96.8	97.1	97.4	97.4
600	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	96.8	97.5	97.9	98.2	98.2
500	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	97.0	98.4	99.0	99.9	99.9
400	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	97.0	98.4	99.0	99.9	99.9
300	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	97.0	98.4	99.0	99.9	99.9
200	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	97.0	98.4	99.0	99.9	99.9
100	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	97.0	98.4	99.0	99.9	99.9
0	40.6	50.5	69.4	82.6	84.1	87.2	90.9	92.0	94.7	95.1	96.3	97.0	98.4	99.0	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

HOHENFELS AAF GE

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	200	180	160	140	120	100	80	60	40	20	10	5	2.5	1.5	1.0
20000	78.5	37.9	34.8	37.4	37.7	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
18000	73.2	36.4	41.9	44.6	44.9	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
16000	34.2	37.6	43.3	46.0	46.2	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
14000	34.2	37.6	43.3	46.0	46.2	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
12000	34.6	38.1	44.1	46.8	47.0	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
10000	34.8	38.5	44.5	47.3	47.5	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
8000	36.4	40.1	46.6	49.3	49.5	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
6000	36.8	40.4	47.0	49.9	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
4000	41.5	45.5	53.8	56.8	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
2000	42.2	47.3	56.7	59.9	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
1000	42.6	47.6	57.1	60.3	60.5	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
500	45.2	50.8	61.5	63.7	63.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
400	46.6	52.3	62.2	65.6	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
300	48.6	54.8	65.6	69.4	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
200	52.3	59.4	70.4	74.3	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
100	59.2	66.3	79.6	84.4	84.7	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
50	61.4	69.5	83.7	88.7	89.0	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
20	63.1	71.3	86.0	91.1	91.4	91.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
10	63.2	71.6	86.5	91.7	92.0	92.6	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
5	63.4	71.8	87.6	93.3	93.6	94.3	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2.5	63.7	72.6	88.4	94.2	94.5	95.2	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1.5	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1.0	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.5	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.25	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.15	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.10	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.05	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.025	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.015	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.010	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.005	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0025	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0015	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0010	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0.0005	63.8	72.7	88.5	94.4	95.1	96.0	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715

HUMPHREYS AAF GE

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE9	GE8	GE6	GE4	GE2	GE1	GE2	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1
1000	36.4	38.8	42.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
800	44.1	46.7	51.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
600	45.1	47.8	52.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
400	45.3	48.1	52.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
200	46.0	48.8	53.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
100	46.9	49.8	54.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
50	46.9	52.2	57.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
25	50.1	53.4	59.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
12.5	53.7	58.1	64.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
6.25	54.7	59.3	66.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
3.125	54.8	59.4	67.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
1.5625	57.5	62.4	70.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.78125	59.5	64.8	73.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
0.390625	54.2	70.2	79.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
0.1953125	67.5	73.7	84.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
0.09765625	71.2	76.9	89.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
0.048828125	71.7	78.4	91.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0.0244140625	72.3	79.0	92.2	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0.01220703125	72.3	79.2	92.3	96.1	96.1	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.006103515625	72.3	79.2	92.5	96.7	96.7	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0.0030517578125	72.7	79.8	93.4	97.7	98.0	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0.00152587890625	72.8	79.9	93.6	98.0	98.2	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0.000762939453125	72.8	79.9	93.6	98.0	98.2	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.0003814697265625	72.8	80.0	93.9	98.2	98.4	98.7	98.7	98.7	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.00019073486328125	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.765625E-05	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4.8828125E-05	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.44140625E-05	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.220703125E-05	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.103515625E-06	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.0517578125E-06	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.52587890625E-06	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.62939453125E-07	72.8	80.1	94.0	98.3	98.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715

HOWENFELS AAF GE

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES															
	210	200	250	240	230	220	210	200	150	140	130	120	110	100	90	80
210	22.6	25.3	31.0	33.3	33.6	34.6	35.3	35.4	35.8	35.9	36.1	36.2	36.8	37.2	37.9	37.9
200	26.9	30.1	35.9	39.6	39.9	40.9	41.6	41.9	42.3	42.4	42.7	42.9	43.5	43.9	44.7	44.7
1500	27.4	30.7	36.7	40.4	40.7	41.7	42.4	42.6	43.1	43.2	43.4	43.6	44.3	44.7	45.5	45.5
1400	27.5	30.8	36.8	40.5	40.8	41.8	42.5	42.7	43.2	43.3	43.6	43.7	44.4	44.8	45.6	45.6
1300	27.8	31.1	37.2	40.9	41.2	42.2	42.9	43.2	43.6	43.7	44.0	44.2	44.9	45.2	46.1	46.1
1200	28.2	31.6	37.9	41.6	41.9	42.9	43.6	43.9	44.3	44.4	44.7	44.9	45.5	45.9	46.8	46.8
1100	29.5	33.0	39.8	43.5	43.8	44.8	45.6	45.8	46.3	46.4	46.7	46.9	47.7	48.1	49.1	49.1
1000	30.0	33.6	40.7	44.6	45.0	46.0	46.8	47.0	47.6	47.7	48.0	48.2	49.1	49.4	50.4	50.4
900	32.9	37.3	45.7	49.9	50.2	51.3	52.3	52.5	53.2	53.3	53.6	53.9	54.8	55.2	56.2	56.2
800	34.2	38.9	48.5	52.9	53.2	54.3	55.3	55.6	56.4	56.5	56.8	57.1	58.0	58.4	59.5	59.5
700	34.6	39.4	49.0	53.5	53.9	54.9	56.0	56.3	57.0	57.2	57.5	57.7	58.7	59.1	60.1	60.1
600	36.6	41.7	51.9	56.9	57.3	58.4	59.5	59.8	60.5	60.7	61.0	61.2	62.2	62.6	63.7	63.7
500	42.7	42.9	53.4	58.6	58.9	60.2	61.3	61.6	62.3	62.5	62.8	63.0	64.0	64.4	65.5	65.5
400	44.3	46.2	57.3	63.1	63.6	64.8	66.0	66.3	67.1	67.3	67.6	67.9	68.8	69.3	70.4	70.4
300	42.7	49.1	61.2	67.2	67.7	69.1	70.3	70.6	71.5	71.6	72.0	72.3	73.3	73.7	74.8	74.8
200	46.1	53.3	67.2	74.0	74.6	76.1	77.4	77.7	78.6	78.8	79.2	79.5	80.5	81.0	82.1	82.1
100	47.6	55.0	69.6	76.8	77.3	79.0	80.4	80.8	81.7	81.9	82.3	82.6	83.6	84.1	85.2	85.2
0	46.7	56.1	71.2	78.6	79.2	80.9	82.3	82.8	83.9	84.1	84.5	84.8	85.8	86.3	87.4	87.4
900	48.8	56.3	71.5	79.0	79.5	81.3	82.7	83.2	84.5	84.6	85.1	85.4	86.4	86.9	88.0	88.0
800	49.2	56.9	72.7	81.1	81.7	83.5	85.2	85.7	87.0	87.2	87.7	88.0	89.0	89.5	90.6	90.6
700	49.6	57.5	73.5	82.1	82.9	84.7	86.4	87.0	88.5	88.8	89.3	89.7	90.7	91.2	92.3	92.3
600	49.6	57.6	73.8	82.7	83.6	85.6	87.4	88.0	89.7	90.0	90.7	91.0	92.1	92.6	93.7	93.7
500	49.7	57.6	73.9	82.9	83.7	85.8	87.9	88.5	90.4	90.6	91.3	91.7	92.7	93.3	94.4	94.4
400	49.7	57.8	74.2	83.3	84.2	86.3	88.4	89.2	91.2	91.4	92.1	92.5	93.6	94.1	95.2	95.2
300	49.7	57.9	74.2	83.5	84.4	86.5	88.8	89.6	91.7	91.9	92.6	93.0	94.2	94.7	95.8	95.8
200	49.7	57.9	74.2	83.5	84.4	86.6	88.9	89.7	91.9	92.1	92.9	93.3	94.4	94.9	96.0	96.0
100	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.1	92.4	93.2	93.6	94.8	95.4	96.6	96.6
0	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.6	96.3	98.3	98.3
900	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.6	96.4	99.0	99.0
800	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.6	96.3	99.3	99.3
700	49.7	57.9	74.2	83.6	84.5	86.6	88.9	89.8	92.2	92.5	93.3	93.8	95.6	96.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOFENFELS AAF GE

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800
HOURS

ELEVATION FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
	GE16	GE90	GF80	GE60	GE48	GE44	GF32	GE24	GF20	GE16	GF12	GE10	GF08	GF05	GF04	GF02	GE16	GE90	GF80	GE60	GE48	GE44	GF32	GE24	GF20	GE16	GF12	GE10	GF08	GF05	GF04	GF02
20000	5.5	6.9	9.6	11.8	11.9	12.3	13.6	13.7	14.7	14.7	15.1	15.5	16.5	17.0	19.7		5.5	6.9	9.6	11.8	11.9	12.3	13.6	13.7	14.7	14.7	15.1	15.5	16.5	17.0	19.7	
18000	6.8	8.5	11.6	14.1	14.2	14.6	16.2	16.4	17.6	17.6	18.0	18.4	19.5	20.1	23.0		6.8	8.5	11.6	14.1	14.2	14.6	16.2	16.4	17.6	17.6	18.0	18.4	19.5	20.1	23.0	
16000	6.9	8.9	11.9	14.5	14.6	15.0	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.0	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
14000	6.9	8.9	11.9	14.5	14.6	15.0	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4		6.9	8.9	11.9	14.5	14.6	15.0	16.5	16.8	18.0	18.0	18.4	18.7	19.8	20.4	23.4	
12000	6.9	9.1	12.2	14.8	15.0	15.3	16.9	17.2	18.4	18.4	18.7	19.2	20.3	20.9	23.8		6.9	9.1	12.2	14.8	15.0	15.3	16.9	17.2	18.4	18.4	18.7	19.2	20.3	20.9	23.8	
10000	6.9	9.1	12.5	15.6	15.7	16.1	17.6	17.9	19.1	19.1	19.5	20.0	21.0	21.7	24.6		6.9	9.1	12.5	15.6	15.7	16.1	17.6	17.9	19.1	19.1	19.5	20.0	21.0	21.7	24.6	
8000	7.2	9.4	12.9	15.9	16.1	16.4	18.1	18.4	19.6	19.6	20.0	20.4	21.5	22.1	25.1		7.2	9.4	12.9	15.9	16.1	16.4	18.1	18.4	19.6	19.6	20.0	20.4	21.5	22.1	25.1	
6000	8.9	11.6	15.5	18.9	19.0	19.6	21.8	22.1	23.6	23.6	24.3	24.8	26.2	26.8	29.7		8.9	11.6	15.5	18.9	19.0	19.6	21.8	22.1	23.6	23.6	24.3	24.8	26.2	26.8	29.7	
4000	9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8		9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8	
2000	9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8		9.4	12.3	16.7	21.0	21.2	21.9	24.2	24.8	26.4	26.4	27.4	27.9	29.2	29.9	32.8	
0	9.9	12.8	17.3	21.8	21.9	22.6	24.9	25.5	27.1	27.1	28.1	28.7	30.0	30.8	33.7		9.9	12.8	17.3	21.8	21.9	22.6	24.9	25.5	27.1	27.1	28.1	28.7	30.0	30.8	33.7	
10000	10.1	13.0	17.5	22.1	22.3	23.0	25.3	25.9	27.5	27.5	28.5	29.1	30.4	31.1	34.1		10.1	13.0	17.5	22.1	22.3	23.0	25.3	25.9	27.5	27.5	28.5	29.1	30.4	31.1	34.1	
8000	11.6	15.1	20.8	25.8	25.9	27.5	29.9	30.5	32.1	32.1	33.1	33.7	35.0	35.9	38.8		11.6	15.1	20.8	25.8	25.9	27.5	29.9	30.5	32.1	32.1	33.1	33.7	35.0	35.9	38.8	
6000	12.2	16.2	23.1	28.5	28.6	30.5	33.2	33.8	35.6	35.6	36.6	37.2	38.6	39.4	42.3		12.2	16.2	23.1	28.5	28.6	30.5	33.2	33.8	35.6	35.6	36.6	37.2	38.6	39.4	42.3	
4000	12.8	17.5	25.3	31.3	31.4	33.8	37.0	37.7	39.9	39.9	41.0	41.6	43.1	43.9	46.8		12.8	17.5	25.3	31.3	31.4	33.8	37.0	37.7	39.9	39.9	41.0	41.6	43.1	43.9	46.8	
2000	13.1	18.7	27.6	34.1	34.2	36.7	40.4	41.2	43.7	43.7	44.8	45.5	47.0	47.8	50.7		13.1	18.7	27.6	34.1	34.2	36.7	40.4	41.2	43.7	43.7	44.8	45.5	47.0	47.8	50.7	
0	14.1	20.3	30.4	37.5	37.7	40.8	44.8	45.6	48.1	48.2	49.4	50.2	51.8	52.7	55.6		14.1	20.3	30.4	37.5	37.7	40.8	44.8	45.6	48.1	48.2	49.4	50.2	51.8	52.7	55.6	
10000	14.4	20.6	30.7	37.8	38.1	41.1	45.1	46.0	48.4	48.5	49.9	50.7	52.3	53.2	56.1		14.4	20.6	30.7	37.8	38.1	41.1	45.1	46.0	48.4	48.5	49.9	50.7	52.3	53.2	56.1	
8000	15.1	21.7	33.0	40.6	41.1	44.6	48.9	49.9	52.6	52.7	54.1	55.0	56.6	57.4	60.3		15.1	21.7	33.0	40.6	41.1	44.6	48.9	49.9	52.6	52.7	54.1	55.0	56.6	57.4	60.3	
6000	15.7	22.4	35.2	43.3	43.8	47.7	52.3	53.3	56.1	56.2	58.0	58.9	60.5	61.3	64.2		15.7	22.4	35.2	43.3	43.8	47.7	52.3	53.3	56.1	56.2	58.0	58.9	60.5	61.3	64.2	
4000	16.7	24.1	37.8	46.5	47.0	51.5	56.6	57.7	60.8	60.9	63.0	63.9	65.6	66.4	69.5		16.7	24.1	37.8	46.5	47.0	51.5	56.6	57.7	60.8	60.9	63.0	63.9	65.6	66.4	69.5	
2000	16.8	24.3	38.4	47.1	47.7	52.4	58.0	59.2	62.7	62.8	65.0	65.8	67.5	68.5	71.5		16.8	24.3	38.4	47.1	47.7	52.4	58.0	59.2	62.7	62.8	65.0	65.8	67.5	68.5	71.5	
0	17.3	25.3	39.8	48.7	49.3	54.5	60.3	61.6	65.5	65.6	68.2	69.2	70.9	71.9	75.1		17.3	25.3	39.8	48.7	49.3	54.5	60.3	61.6	65.5	65.6	68.2	69.2	70.9	71.9	75.1	
10000	17.8	25.9	40.5	49.6	50.2	55.5	61.8	63.3	67.6	67.8	70.4	71.7	73.4	74.3	77.5		17.8	25.9	40.5	49.6	50.2	55.5	61.8	63.3	67.6	67.8	70.4	71.7	73.4	74.3	77.5	
8000	17.8	26.2	40.8	50.1	50.9	56.2	62.5	64.1	68.7	68.9	71.8	73.0	75.1	76.2	79.3		17.8	26.2	40.8	50.1	50.9	56.2	62.5	64.1	68.7	68.9	71.8	73.0	75.1	76.2	79.3	
6000	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	70.4	70.6	73.7	75.8	78.0	79.2	82.5		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	70.4	70.6	73.7	75.8	78.0	79.2	82.5	
4000	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	79.4	80.8	84.8		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	79.4	80.8	84.8	
2000	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	80.8	83.6	92.1		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	80.8	83.6	92.1	
0	17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	81.1	84.2	96.4		17.8	26.2	40.8	50.4	51.1	56.6	62.9	64.8	71.0	71.2	74.5	76.8	81.1	84.2	96.4	

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 MOHENFEL AAF GF

74-83

QCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	20	24	28	32
1000	9.9	11.2	14.5	16.5	16.6	17.5	17.8	17.8	18.2	19.2	18.3	19.3	18.4	18.7	19.3		GF0			
900	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF1			
800	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF2			
700	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF3			
600	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF4			
500	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF5			
400	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF6			
300	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF7			
200	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF8			
100	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF9			
0	12.4	14.1	18.0	21.0	21.1	22.2	22.5	22.5	22.9	22.9	23.0	23.0	23.1	23.4	24.1		GF10			
1000	15.4	17.2	23.5	27.8	28.2	29.4	30.4	30.5	31.0	31.0	31.4	31.4	31.6	31.9	32.5		GF11			
900	16.3	18.3	25.3	30.0	30.4	31.6	32.7	32.8	33.4	33.4	33.9	33.9	34.0	34.2	34.9		GF12			
800	16.6	18.7	25.7	30.6	31.0	32.2	33.3	33.4	34.0	34.0	34.5	34.5	34.6	34.9	35.5		GF13			
700	17.7	19.8	27.2	32.3	32.7	34.0	35.1	35.2	35.3	35.8	36.3	36.4	36.5	36.7	37.5		GF14			
600	18.9	21.1	28.6	33.7	34.1	35.4	36.6	36.7	37.3	37.3	37.8	38.0	38.1	38.3	39.0		GF15			
500	19.0	23.5	31.9	37.5	37.8	39.5	40.8	41.0	41.6	41.6	42.0	42.2	42.3	42.5	43.3		GF16			
400	20.3	25.5	34.7	40.4	40.8	42.7	44.2	44.6	45.2	45.2	45.7	45.8	45.9	46.1	46.9		GF17			
300	20.5	27.7	38.2	44.2	44.7	47.1	49.2	49.6	50.4	50.4	51.0	51.1	51.2	51.4	52.2		GF18			
200	20.1	29.4	41.1	47.5	48.0	50.4	52.7	53.1	54.0	54.0	54.6	54.7	54.8	55.1	55.8		GF19			
100	20.1	31.4	44.3	51.3	51.8	54.7	57.0	57.5	58.7	58.8	59.4	59.5	59.6	59.9	60.6		GF20			
0	20.7	32.2	45.2	52.4	52.9	55.4	58.2	58.7	59.9	60.0	60.6	60.7	60.8	61.1	61.8		GF21			
1000	20.7	34.6	48.4	56.0	56.6	59.8	62.5	63.1	64.3	64.6	65.2	65.3	65.4	65.7	66.4		GF22			
900	22.2	36.1	50.7	59.5	60.2	63.5	67.1	67.7	69.2	69.6	70.2	70.4	70.5	70.7	71.4		GF23			
800	23.0	37.2	52.5	61.9	62.8	66.4	70.6	71.3	73.3	73.7	74.6	74.8	74.9	75.2	75.9		GF24			
700	23.3	37.6	52.9	62.4	63.4	67.2	71.6	72.3	74.3	74.8	75.7	75.9	76.0	76.3	77.0		GF25			
600	23.9	38.7	55.2	65.4	66.4	70.4	75.1	75.8	78.3	78.8	79.9	80.1	80.5	80.7	81.4		GF26			
500	23.9	38.7	55.2	65.9	67.0	71.1	76.3	77.2	79.9	80.6	81.7	81.9	82.3	82.5	83.3		GF27			
400	23.9	38.7	55.2	65.9	67.0	71.2	77.0	78.3	81.2	81.9	83.3	83.5	83.9	84.1	84.8		GF28			
300	23.9	38.7	55.2	65.9	67.0	71.4	77.6	80.4	84.3	85.4	87.2	88.0	88.8	89.0	89.8		GF29			
200	23.9	38.7	55.2	65.9	67.0	71.4	77.7	80.5	84.6	85.9	87.7	88.9	90.8	91.1	92.3		GF30			
100	23.9	38.7	55.2	65.9	67.0	71.4	77.7	80.6	84.7	86.3	88.1	89.5	93.0	93.7	95.9		GF31			
0	23.9	38.7	55.2	65.9	67.0	71.4	77.7	80.6	84.7	86.3	88.1	89.5	93.6	95.1	99.3		GF32			
	23.9	38.7	55.2	65.9	67.0	71.4	77.7	80.6	84.7	86.3	88.1	89.5	93.9	95.3	100.0		GF33			

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715
STATION

HOHENFELS AAF GF
STATION NAME

74-83
YEAR

067
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

	VISIBILITY STATUTE MILES																OP (HUNDREDS OF METERS)	
>6	GE9	GF8	GE6	GE4	GE4	GE3	GE2	GE2	GE2	GE2	GF12	GE10	GF8	GE5	GF04	GE0		
1000	15.3	16.6	21.6	23.9	23.9	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.5	24.5		
900	16.4	21.5	26.3	29.0	29.1	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.9	29.9		
800	16.7	21.2	27.1	29.9	30.0	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.8	30.8		
700	16.7	21.2	27.1	29.9	30.0	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.8	30.8		
600	16.9	21.3	27.2	30.0	30.2	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.9	30.9		
500	16.8	22.2	28.2	31.1	31.2	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	32.0	32.0		
400	17.2	22.6	29.3	32.2	32.3	32.7	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.1	33.1		
300	20.7	23.1	29.8	32.7	32.9	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.8	33.8		
200	23.1	25.6	33.3	36.3	36.5	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.6	37.6		
100	25.6	28.2	36.5	41.2	40.3	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.5	41.5		
50	25.4	29.8	37.0	40.8	40.9	41.5	41.8	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.1	42.1		
25	26.7	30.2	39.6	42.6	42.7	43.4	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.0	44.2	44.2		
15	27.7	31.2	39.7	43.6	43.8	44.4	44.8	44.8	44.9	44.9	44.9	44.9	45.1	45.1	45.2	45.2		
10	30.7	34.3	43.6	47.8	47.9	48.5	48.9	48.9	49.0	49.0	49.0	49.0	49.2	49.2	49.3	49.3		
5	33.1	37.1	47.6	51.9	52.0	52.6	53.1	53.1	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5		
2.5	37.9	42.5	54.2	54.8	58.9	59.6	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.5	60.5	60.5		
1.5	41.5	46.6	59.2	54.4	64.6	65.6	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.5	66.5	66.5		
1	43.9	49.0	62.3	67.8	67.9	69.1	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	70.0	70.0		
0.75	45.4	50.6	64.3	70.0	70.1	71.2	71.8	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.3	72.3		
0.5	44.4	53.4	68.5	74.8	75.0	76.3	76.8	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.4		
0.25	46.8	55.8	71.5	79.6	79.8	81.5	82.4	82.7	82.8	82.8	82.8	82.8	82.9	82.9	83.1	83.1		
0.15	50.3	56.5	73.3	81.8	82.2	84.2	85.9	86.3	86.6	86.6	86.6	86.6	86.8	86.8	86.9	86.9		
0.1	50.7	57.0	73.9	82.7	83.1	85.2	86.9	87.3	87.8	87.8	87.8	87.8	87.9	87.9	88.1	88.1		
0.075	51.1	57.5	75.4	84.2	84.7	87.0	89.0	89.3	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.2		
0.05	51.1	57.5	75.4	84.6	85.2	88.2	90.4	91.0	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.2		
0.025	51.1	57.5	75.4	85.2	85.9	89.0	92.7	93.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1		
0.015	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.0	97.4	97.4	97.4	97.4	97.6	97.6	97.9	98.1		
0.01	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.0	97.7	97.9	98.1	98.1	98.7	99.1	99.2	99.2		
0.0075	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	98.3	99.0	99.7	99.9	99.9		
0.005	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	98.3	99.0	99.7	99.9	100.0		
0.0025	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	98.3	99.0	99.7	99.9	100.0		
0.0015	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	98.3	99.0	99.7	99.9	100.0		
0.001	51.1	57.5	75.4	85.2	85.9	89.1	93.1	95.1	97.8	98.1	98.3	98.3	99.0	99.7	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1715 H. HENFELS AAF 30

74-83

061

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

		VISIBILITY (STATUTE MILES)																CEILING (HUNDREDS OF METERS)															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	15.3	21.7	27.7	31.6	32.0	3.0	2.4	37.4	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	24.0	27.3	34.1	39.7	38.4	38.2	1.8	38.8	39.1	39.1	39.1	39.1	39.2	39.2	39.2	
2	24.6	28.1	35.1	38.9	39.3	39.5	39.7	39.7	40.7	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	24.6	28.1	35.1	38.9	39.3	39.5	39.7	39.7	40.7	40.0	40.0	40.0	40.1	40.1	40.1	
3	25.1	28.4	35.3	39.2	39.6	39.7	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	25.1	28.4	35.3	39.2	39.6	39.7	40.0	40.0	40.3	40.3	40.3	40.3	40.4	40.4	40.4	
4	25.7	29.1	36.1	4.0	40.4	40.5	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	25.7	29.1	36.1	4.0	40.4	40.5	40.8	40.8	41.1	41.1	41.1	41.1	41.2	41.2	41.2	
5	26.7	30.0	37.1	41.1	41.5	41.6	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3	26.7	30.0	37.1	41.1	41.5	41.6	41.9	41.9	42.1	42.1	42.1	42.1	42.3	42.3	42.3	
6	27.5	31.8	38.7	42.8	43.2	43.7	43.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	27.5	31.8	38.7	42.8	43.2	43.7	43.6	43.6	43.9	43.9	43.9	43.9	44.0	44.0	44.0	
7	28.1	31.5	39.3	43.5	43.9	44.1	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	28.1	31.5	39.3	43.5	43.9	44.1	44.4	44.4	44.7	44.7	44.7	44.7	44.8	44.8	44.8	
8	28.5	34.9	43.2	47.9	48.3	48.5	48.8	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	28.5	34.9	43.2	47.9	48.3	48.5	48.8	48.8	49.1	49.1	49.1	49.1	49.2	49.2	49.2	
9	34.1	39.1	46.8	52.1	52.5	52.8	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	34.1	39.1	46.8	52.1	52.5	52.8	53.1	53.1	53.3	53.3	53.3	53.3	53.5	53.5	53.5	
10	34.3	39.3	47.1	52.4	52.6	53.1	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	34.3	39.3	47.1	52.4	52.6	53.1	53.3	53.3	53.6	53.6	53.6	53.6	53.7	53.7	53.7	
11	35.3	39.3	48.5	53.9	54.3	54.5	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	35.3	39.3	48.5	53.9	54.3	54.5	54.8	54.8	55.1	55.1	55.1	55.1	55.2	55.2	55.2	
12	36.0	40.3	47.5	55.1	55.5	55.7	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	36.0	40.3	47.5	55.1	55.5	55.7	56.0	56.0	56.3	56.3	56.3	56.3	56.4	56.4	56.4	
13	40.3	44.2	55.3	61.2	61.9	62.1	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	40.3	44.2	55.3	61.2	61.9	62.1	62.4	62.4	62.7	62.7	62.7	62.7	62.8	62.8	62.8	
14	43.7	48.8	59.9	65.9	66.8	67.1	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	43.7	48.8	59.9	65.9	66.8	67.1	67.3	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.7	
15	47.5	53.1	64.7	70.7	71.6	71.9	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	47.5	53.1	64.7	70.7	71.6	71.9	72.3	72.3	72.5	72.5	72.5	72.5	72.7	72.7	72.7	
16	50.7	56.7	68.8	75.1	76.0	76.3	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	50.7	56.7	68.8	75.1	76.0	76.3	76.8	76.8	77.2	77.2	77.2	77.2	77.3	77.3	77.3	
17	51.2	57.3	70.7	77.5	78.4	78.7	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	51.2	57.3	70.7	77.5	78.4	78.7	79.2	79.2	79.6	79.6	79.6	79.6	79.7	79.7	79.7	
18	51.7	58.1	72.1	79.1	80.0	80.3	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	51.7	58.1	72.1	79.1	80.0	80.3	80.8	80.8	81.2	81.2	81.2	81.2	81.3	81.3	81.3	
19	52.3	59.7	74.0	81.3	82.3	82.5	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	52.3	59.7	74.0	81.3	82.3	82.5	83.1	83.1	83.5	83.5	83.5	83.5	83.6	83.6	83.6	
20	53.3	61.3	75.9	84.3	85.3	85.9	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	53.3	61.3	75.9	84.3	85.3	85.9	86.4	86.4	86.8	86.8	86.8	86.8	86.9	86.9	86.9	
21	53.6	61.7	77.1	86.1	87.2	88.0	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	53.6	61.7	77.1	86.1	87.2	88.0	89.6	89.6	90.0	90.0	90.0	90.0	90.1	90.1	90.1	
22	53.7	61.9	77.9	87.1	88.1	89.1	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	53.7	61.9	77.9	87.1	88.1	89.1	90.8	90.8	91.2	91.2	91.2	91.2	91.3	91.3	91.3	
23	54.0	62.3	79.2	88.7	89.7	90.9	93.1	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	54.0	62.3	79.2	88.7	89.7	90.9	93.1	93.2	93.7	93.7	93.7	93.7	93.9	93.9	93.9	
24	54.0	62.3	79.2	89.5	90.5	92.1	94.8	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	54.0	62.3	79.2	89.5	90.5	92.1	94.8	95.1	95.6	95.6	95.6	95.6	95.7	95.7	95.7	
25	54.0	62.3	79.3	89.6	90.7	92.8	95.9	96.5	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	54.0	62.3	79.3	89.6	90.7	92.8	95.9	96.5	97.7	97.9	97.9	97.9	98.0	98.0	98.0	
26	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	
27	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.5	98.5	98.5	
28	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.5	98.5	98.5	
29	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.5	98.5	98.5	
30	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	54.0	62.3	79.3	89.6	90.7	92.9	96.0	96.7	98.1	98.4	98.4	98.4	98.5	98.5	98.5	

TOTAL NUMBER OF OBSERVATIONS 750

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 SAFETY
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715
 1715

H. HENFEL AAF GF

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

	VISIBILITY (STATUTE MILES)										CEILING (HUNDREDS OF FEET)									
	GE0	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10	GE11	GE12	GE13	GE14	GE15	GE16	GE17	GE18	GE19
1000	12.3	13.9	18.1	20.7	20.8	21.3	21.8	21.8	22.2	22.2	22.3	22.4	22.8	23.0	23.9					
900	15.1	17.3	22.1	25.0	25.2	25.7	26.3	26.4	26.8	26.8	27.0	27.1	27.4	27.7	28.6					
800	15.5	17.8	22.7	25.7	25.9	26.4	27.0	27.1	27.5	27.5	27.7	27.8	28.1	28.4	29.3					
700	15.5	17.9	22.7	25.8	26.0	26.5	27.1	27.1	27.6	27.6	27.7	27.9	28.2	28.5	29.4					
600	15.7	18.0	22.9	26.0	26.2	26.7	27.3	27.3	27.8	27.8	27.9	28.1	28.4	28.7	29.6					
500	16.2	18.6	23.6	26.8	27.0	27.5	28.1	28.2	28.6	28.6	28.8	28.9	29.3	29.5	30.5					
400	16.6	19.0	24.6	28.0	28.3	28.8	29.4	29.5	29.9	29.9	30.1	30.5	30.7	30.8	31.8					
300	17.0	19.4	25.1	29.5	28.8	29.3	30.0	30.1	30.5	30.5	30.7	30.8	31.2	31.4	32.3					
200	19.4	22.0	28.4	32.3	32.6	33.2	34.2	34.3	34.9	34.9	35.2	35.4	35.8	36.0	37.0					
100	20.8	23.9	30.9	35.4	35.6	36.3	37.4	37.6	38.2	38.2	38.6	38.7	39.1	39.4	40.4					
50	21.1	24.1	31.2	35.8	36.0	36.7	37.8	37.9	38.6	38.6	39.0	39.1	39.5	39.8	40.7					
25	22.0	25.1	32.5	37.2	37.4	38.2	39.2	39.4	40.1	40.1	40.5	40.7	41.1	41.4	42.3					
15	22.8	26.0	33.4	38.2	38.4	39.2	40.3	40.5	41.1	41.1	41.5	41.7	42.1	42.4	43.4					
10	25.5	29.0	37.4	42.6	42.9	43.9	45.1	45.3	45.9	45.9	46.3	46.5	46.9	47.2	48.2					
5	27.4	31.4	40.8	46.1	46.5	47.7	49.0	49.3	50.0	50.0	50.4	50.6	51.0	51.3	52.2					
2	30.1	34.7	45.0	50.7	51.1	52.6	54.1	54.4	55.3	55.3	55.7	56.0	56.4	56.7	57.7					
1	32.3	37.3	48.6	54.7	55.1	56.7	58.5	58.8	59.8	59.8	60.2	60.5	60.9	61.2	62.2					
0.5	33.8	39.0	51.3	57.9	58.4	60.3	62.2	62.5	63.6	63.6	64.1	64.4	64.9	65.2	66.1					
0.25	34.5	39.8	52.5	59.2	59.7	61.6	63.5	63.8	64.9	65.0	65.5	65.8	66.2	66.6	67.5					
0.1	36.1	41.9	55.4	60.6	63.2	65.3	67.3	67.8	68.9	69.0	69.6	69.9	70.3	70.6	71.6					
0.05	37.2	43.4	57.7	66.1	66.7	69.1	71.6	72.1	73.3	73.4	74.1	74.3	74.8	75.1	76.1					
0.025	37.9	44.3	59.6	66.5	69.2	72.0	75.2	75.8	77.3	77.4	78.2	78.5	79.0	79.3	80.3					
0.01	38.1	44.6	60.2	69.2	70.0	73.0	76.4	77.0	78.6	78.7	79.5	79.8	80.4	80.7	81.7					
0.005	38.5	45.4	61.8	71.2	72.0	75.2	78.9	79.5	81.5	81.6	82.6	83.0	83.5	83.9	84.9					
0.0025	38.7	45.6	62.0	71.8	72.7	76.2	80.4	81.2	83.4	83.6	84.6	85.0	85.5	85.9	86.9					
0.001	38.7	45.6	62.1	72.1	73.0	76.8	81.5	82.7	85.5	85.7	86.8	87.2	87.9	88.3	89.3					
0.0005	38.7	45.6	62.1	72.2	73.1	77.0	81.9	83.7	87.1	87.5	88.9	89.7	90.5	90.9	92.0					
0.00025	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.8	87.5	88.0	89.4	90.5	91.9	92.3	93.6					
0.0001	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.6	90.8	92.9	93.6	95.9					
0.00005	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.6	90.8	93.2	94.3	97.5					
0.000025	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.6	90.8	93.3	94.5	98.9					
0.00001	38.7	45.6	62.1	72.2	73.1	77.0	82.0	83.9	87.6	88.1	89.7	90.8	93.5	94.7	100.0					

TOTAL NUMBER OF OBSERVATIONS 3181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19715 HOFENFELS AAF GF

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

640-0800

CEILING FEET	VISIBILITY - STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
>1600	7.7	8.5	10.3	12.4	12.6	13.9	15.1	15.5	16.1	16.1	16.3	16.5	17.5	17.9	18.8	
1600	7.7	8.5	11.2	13.4	13.8	15.3	16.8	17.3	18.0	18.0	18.3	18.5	19.4	19.8	20.9	
1500	7.8	8.6	11.2	13.4	13.8	15.3	16.8	17.3	18.0	18.0	18.3	18.5	19.4	19.8	20.9	
1400	7.9	8.7	11.4	13.5	13.9	15.5	16.9	17.5	18.1	18.1	18.4	18.7	19.6	20.0	21.0	
1300	7.9	8.7	11.4	13.5	13.9	15.5	16.9	17.5	18.1	18.1	18.4	18.7	19.6	20.0	21.0	
1200	8.1	8.9	11.6	13.8	14.2	15.7	17.2	17.7	18.4	18.4	18.7	18.9	19.8	20.2	21.3	
1100	8.1	8.9	11.6	13.8	14.2	15.7	17.2	17.7	18.4	18.4	18.7	18.9	19.8	20.2	21.3	
1000	8.7	9.7	12.6	14.8	15.2	17.1	18.7	19.2	20.0	20.0	20.4	20.6	21.6	22.0	23.3	
900	9.5	10.7	14.4	16.7	17.1	18.9	20.5	21.0	21.8	21.8	22.2	22.5	23.4	23.8	25.1	
800	10.4	11.6	15.7	18.0	18.4	20.2	22.0	22.5	23.5	23.5	23.9	24.3	25.3	25.7	27.0	
700	10.8	12.3	16.7	18.9	19.3	21.2	22.9	23.4	24.5	24.5	24.9	25.3	26.2	26.6	27.9	
600	11.6	13.4	18.1	20.9	21.3	23.1	24.9	25.4	27.0	27.0	27.4	27.9	28.8	29.2	30.6	
500	13.1	15.5	21.6	24.6	25.1	27.4	29.4	29.9	31.5	31.5	31.9	32.4	33.3	33.7	35.1	
400	13.8	16.9	24.5	28.6	29.1	31.3	33.3	34.0	35.7	35.7	36.1	36.6	37.6	38.0	39.3	
300	15.1	18.5	27.5	32.0	32.5	35.2	37.2	38.0	39.7	39.7	40.1	40.6	41.5	41.9	43.5	
200	16.9	20.8	31.1	36.6	37.2	40.7	42.9	43.8	45.8	45.8	46.2	46.7	47.6	48.0	49.6	
100	17.5	21.4	31.9	37.8	38.4	41.9	44.0	45.1	47.1	47.1	47.5	48.0	48.9	49.3	50.9	
0	18.1	23.3	35.3	42.7	43.4	48.3	51.1	53.0	55.3	55.3	55.8	56.3	57.3	57.7	59.3	
900	19.2	24.5	37.6	45.9	46.6	52.4	56.2	58.6	60.8	61.0	61.4	61.9	62.8	63.2	64.8	
800	20.2	26.7	40.7	50.3	51.1	57.1	62.0	65.1	68.0	68.3	68.7	69.3	70.2	70.6	72.2	
700	20.4	26.9	41.4	51.5	52.2	58.3	64.3	67.5	70.5	70.8	71.2	71.8	72.9	73.3	74.9	
600	20.4	26.9	42.1	52.8	53.8	60.3	66.5	69.8	73.3	73.5	74.1	74.7	75.8	76.2	77.8	
500	20.5	27.1	42.7	53.4	54.5	62.2	69.8	73.5	77.8	78.2	79.4	80.3	81.6	82.0	83.9	
400	20.5	27.1	42.7	53.4	54.5	62.3	70.4	74.5	79.1	79.8	81.3	82.5	83.9	84.3	86.1	
300	20.5	27.1	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.1	84.5	87.0	89.7	91.0	94.7	
200	20.5	27.1	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.3	85.1	88.1	91.3	93.0	98.9	
100	20.5	27.3	42.7	53.4	54.5	62.3	70.4	74.5	80.4	81.3	85.1	88.1	91.3	93.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 756

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HCHENFELS AAF GE

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-1100

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	>16	GE9	GE8	GE6	GE4	GE3	GE2	GE1	GE0	GE16	GE12	GE10	GE08	GE05	GE04	GE0
20000	10.0	10.0	13.0	15.5	15.5	16.1	16.3	16.3	16.4	16.4	16.5	16.5	16.6	17.2	17.9	
18000	10.7	11.7	14.4	17.3	17.3	17.9	18.5	18.5	18.9	18.9	19.0	19.7	19.8	20.3	21.1	
16000	11.1	12.2	15.0	17.9	17.9	18.6	19.1	19.1	19.5	19.5	19.6	19.6	19.8	20.3	21.1	
14000	11.1	12.2	15.0	17.9	17.9	18.6	19.1	19.1	19.5	19.5	19.6	19.6	19.8	20.3	21.1	
12000	11.1	12.2	15.1	18.1	18.1	18.7	19.2	19.2	19.6	19.6	19.8	19.8	19.9	20.4	21.2	
10000	11.4	12.6	15.9	18.9	18.9	19.5	20.0	20.2	20.8	20.8	20.9	20.9	21.1	21.6	22.4	
8000	12.0	13.1	16.4	19.4	19.4	20.0	20.5	20.7	21.3	21.3	21.5	21.5	21.6	22.1	22.9	
6000	13.4	14.6	18.6	22.1	22.4	23.3	24.1	24.2	24.8	24.8	25.0	25.0	25.1	25.6	26.4	
4000	14.7	16.0	20.8	24.4	24.7	25.6	26.4	26.5	27.2	27.2	27.3	27.3	27.4	28.0	28.7	
2000	14.7	16.0	20.8	24.6	24.8	25.7	26.5	26.7	27.4	27.4	27.6	27.6	27.7	28.2	29.0	
1000	15.3	16.9	22.0	25.7	26.0	26.9	27.8	28.0	29.0	29.0	29.1	29.1	29.3	29.8	30.6	
500	15.9	17.3	22.5	26.3	26.5	27.4	28.3	28.5	29.5	29.5	29.6	29.6	29.8	30.3	31.1	
250	17.2	19.0	24.6	28.6	28.9	30.0	31.2	31.3	32.4	32.4	32.5	32.5	32.6	33.2	33.9	
100	18.7	20.9	27.3	31.9	32.2	33.8	35.1	35.2	36.3	36.3	36.4	36.4	36.5	37.1	37.8	
50	20.7	23.8	32.0	38.0	38.6	40.3	41.7	41.9	42.9	42.9	43.0	43.0	43.2	43.7	44.5	
25	22.0	25.6	34.9	41.4	42.0	44.7	45.6	45.8	47.1	47.1	47.2	47.2	47.3	47.9	48.6	
10	23.9	28.0	38.6	45.8	46.4	48.8	50.6	50.8	52.1	52.1	52.3	52.4	52.5	53.1	53.8	
5	24.4	28.6	39.3	46.6	47.2	49.5	51.4	51.6	53.1	53.1	53.2	53.3	53.4	54.0	54.7	
2	25.9	30.7	42.7	52.3	53.7	56.3	58.4	58.6	60.1	60.1	60.3	60.5	60.7	61.2	62.0	
1	26.9	32.0	44.6	55.4	57.2	60.1	62.5	62.9	64.4	64.4	64.6	64.8	65.0	65.5	66.3	
0	28.3	33.9	47.3	59.8	61.8	64.9	68.4	69.1	70.6	70.6	70.9	71.1	71.5	72.0	72.8	
2000	28.6	34.2	48.4	61.1	63.1	66.2	70.4	71.4	73.1	73.1	73.3	73.7	74.1	74.6	75.4	
1800	28.9	34.5	49.5	63.3	65.3	68.5	73.2	74.4	76.3	76.3	76.6	77.1	77.6	78.2	79.1	
1600	28.9	34.5	49.7	63.5	65.8	69.8	75.9	77.4	80.0	80.0	80.2	80.9	81.5	82.1	83.0	
1400	28.9	34.5	49.9	63.8	66.2	70.5	77.4	79.3	83.1	83.4	83.9	84.8	85.8	86.3	87.3	
1200	28.9	34.5	50.1	64.0	66.3	70.7	78.0	80.5	84.8	85.2	85.8	86.9	88.2	88.7	90.0	
1000	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.7	86.2	87.5	88.9	91.2	92.1	93.8	
800	28.9	34.5	51.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	88.6	90.6	93.9	95.1	97.7	
600	28.9	34.5	50.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	89.1	91.2	94.7	95.8	99.3	
400	28.9	34.5	51.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	89.1	91.2	94.7	95.8	99.6	
200	28.9	34.5	51.1	64.0	66.3	70.7	78.2	80.8	85.8	86.5	89.1	91.2	94.7	95.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 769

USAF ETAC 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715
STATION

HOFENFELS AAF GF
STATION NAME

74-83
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	27	21	21	21	21	21	21	25 16	21	20
	>16	GE9	GE8	GE6	GE4	GE4	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE75	GE24	GE0
NO CEILING		14.7	15.6	18.2	21.0	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.8	24.0	24.3
20000		16.7	18.1	21.0	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.8	24.0	24.3
20000		17.1	18.5	21.4	24.0	24.3	24.3	24.3	24.3	24.4	24.4	24.6	24.9	25.0	25.0	25.1
20000		17.1	18.5	21.4	24.0	24.3	24.3	24.3	24.3	24.4	24.4	24.6	24.9	25.0	25.0	25.1
20000		17.5	19.3	22.2	24.9	25.1	25.1	25.1	25.1	25.3	25.3	25.4	25.7	25.8	25.8	26.0
20000		17.8	19.6	22.5	25.1	25.4	25.4	25.4	25.4	25.6	25.6	25.7	26.0	26.1	26.1	26.3
20000		18.6	20.4	23.5	26.1	26.4	26.5	26.5	26.5	26.8	26.8	26.9	27.2	27.4	27.4	27.5
20000		18.6	20.4	23.5	26.1	26.4	26.5	26.5	26.5	26.8	26.8	26.9	27.2	27.4	27.4	27.5
20000		19.7	21.5	25.4	28.6	28.9	29.2	29.2	29.2	29.4	29.4	29.6	29.9	30.0	30.0	30.1
20000		21.7	23.6	28.3	32.1	32.4	32.6	32.6	32.6	32.9	32.9	33.1	33.3	33.5	33.5	33.6
20000		21.7	23.9	28.6	32.4	32.6	32.9	32.9	32.9	33.2	33.2	33.3	33.6	33.8	33.8	33.9
20000		22.1	24.6	29.7	33.6	33.9	34.2	34.3	34.3	34.6	34.6	34.7	35.0	35.1	35.1	35.3
20000		22.6	25.1	31.3	34.2	34.4	34.7	34.9	34.9	35.1	35.1	35.3	35.6	35.7	35.7	35.8
20000		25.1	27.8	33.1	36.9	37.2	37.5	37.6	37.6	37.9	37.9	38.1	38.3	38.5	38.5	38.6
20000		28.2	30.8	36.1	40.3	40.6	40.8	41.0	41.3	41.3	41.3	41.4	41.7	41.8	41.8	41.9
20000		31.4	34.2	40.6	45.8	46.3	46.7	46.8	46.8	47.1	47.1	47.2	47.5	47.6	47.6	47.8
20000		33.9	36.8	44.1	49.9	50.4	51.0	51.3	51.3	51.5	51.5	51.7	51.9	52.1	52.1	52.2
20000		36.3	39.6	47.5	55.0	55.6	56.7	57.2	57.2	57.5	57.5	57.6	57.9	58.1	58.1	58.2
20000		37.1	40.7	49.0	56.7	57.2	58.3	58.9	58.9	59.2	59.2	59.3	59.6	59.7	59.7	59.9
20000		39.3	43.9	53.5	61.8	62.6	64.2	64.7	64.7	65.1	65.1	65.4	65.8	66.0	66.0	66.1
20000		41.8	46.8	58.2	68.5	69.3	71.0	71.8	72.1	72.6	72.6	72.9	73.3	73.5	73.5	73.6
20000		42.2	47.4	60.4	72.4	73.2	75.0	76.0	76.5	77.2	77.2	77.5	78.1	78.3	78.3	78.5
20000		42.6	47.8	63.2	75.3	76.1	77.9	79.3	80.0	80.7	80.7	81.1	81.7	81.9	81.9	82.1
20000		42.6	47.8	64.7	77.5	78.3	80.4	82.6	83.5	84.3	84.3	84.7	85.3	85.6	85.6	85.7
20000		42.6	47.8	65.1	78.3	79.2	81.4	84.2	85.8	86.9	86.9	87.4	87.9	88.2	88.2	88.3
20000		42.6	47.8	65.1	79.0	80.0	82.4	85.8	88.8	90.4	90.7	91.1	91.7	91.9	91.9	92.1
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.8	89.9	92.2	92.6	93.5	94.2	94.6	94.6	94.7
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.8	90.0	92.8	94.2	95.1	96.0	96.5	96.5	96.7
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.8	90.0	92.9	94.9	95.8	97.1	97.8	97.8	98.3
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.9	90.1	93.2	95.1	96.3	97.5	98.2	98.6	99.7
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.9	90.1	93.2	95.1	96.3	97.5	98.2	98.6	100.0
20000		42.6	47.8	65.1	79.0	80.0	82.5	86.9	90.1	93.2	95.1	96.3	97.5	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7715 HOFENFELS AAF GE

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
20000	13.9	15.7	17.9	19.8	19.8	20.1	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
18000	18.5	20.1	22.9	25.0	25.0	25.3	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
16000	18.5	20.1	22.9	25.0	25.0	25.3	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
14000	18.6	20.6	23.7	25.7	25.7	26.0	26.3	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
12000	18.6	20.6	23.7	25.7	25.7	26.0	26.3	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
10000	19.8	21.8	24.8	27.1	27.3	27.6	27.8	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
8000	20.2	22.2	25.4	27.8	28.0	28.3	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
6000	22.7	24.8	28.6	31.6	31.7	32.2	32.5	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
4000	24.2	26.8	31.3	34.8	34.9	35.4	35.6	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
2000	24.5	27.1	31.7	35.2	35.4	35.8	36.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
1000	25.3	27.8	32.6	36.2	36.4	36.9	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
500	25.4	28.7	33.5	37.1	37.2	37.8	38.1	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
200	27.4	31.2	36.7	41.0	41.1	41.8	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
100	28.7	32.8	38.5	42.9	43.0	43.7	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
50	31.0	35.6	41.4	47.5	47.9	48.9	49.2	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
20	34.2	39.4	46.3	53.1	53.5	54.7	55.1	55.3	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
10	36.7	42.4	50.4	57.4	57.9	59.3	60.0	60.2	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
5	37.2	43.0	51.9	59.0	59.5	60.9	61.6	61.8	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5
2	39.2	45.7	55.4	63.1	64.2	66.1	67.0	67.1	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1
1	41.4	48.8	59.2	67.7	69.0	71.7	73.2	73.6	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7
0	42.0	49.5	61.6	71.3	73.2	76.2	78.1	78.6	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4
500	42.1	49.6	63.6	73.6	75.5	78.5	81.0	82.1	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8
400	42.1	49.6	64.4	74.6	76.5	79.8	82.7	84.0	85.3	85.6	85.9	86.0	86.0	86.0	86.0	86.0
300	42.1	49.6	64.6	75.0	76.9	80.4	83.8	86.0	87.9	88.2	88.7	89.0	89.0	89.0	89.0	89.0
200	42.1	49.6	64.6	75.0	76.9	81.0	84.6	87.2	89.6	89.9	90.6	91.1	91.1	91.1	91.1	91.1
100	42.1	49.6	64.6	75.0	76.9	81.0	85.0	87.9	90.6	90.9	92.6	93.2	93.8	93.8	93.8	93.8
50	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.1	91.5	93.2	94.1	94.9	94.9	95.1	95.1
20	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	94.9	96.2	97.4	97.5	98.1	98.1
10	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	95.1	96.4	97.7	98.0	98.8	98.8
5	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	95.1	96.4	97.7	98.0	99.6	99.6
2	42.1	49.6	64.6	75.0	76.9	81.0	85.0	88.0	91.6	92.4	95.1	96.4	97.7	98.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 693

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

107715 HOFENFELS AAF GE

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
1000	11.1	12.4	14.7	16.8	16.8	17.4	17.8	18.1	18.2	18.2	18.3	18.4	18.8	19.0	19.5	
800	13.1	14.3	17.1	19.4	19.5	20.1	20.7	20.8	21.2	21.2	21.3	21.4	21.7	22.0	22.5	
600	13.4	14.7	17.5	19.9	20.1	20.7	21.3	21.5	21.8	21.8	22.0	22.1	22.4	22.6	23.1	
400	13.6	15.0	17.9	20.3	20.5	21.1	21.7	21.9	22.2	22.2	22.4	22.5	22.8	23.0	23.6	
200	13.7	15.1	18.0	20.4	20.6	21.2	21.8	22.0	22.3	22.3	22.5	22.6	22.9	23.1	23.7	
100	14.3	15.7	18.8	21.3	21.5	22.2	22.7	22.9	23.4	23.4	23.5	23.7	24.0	24.2	24.7	
50	14.5	16.0	19.0	21.6	21.8	22.5	23.0	23.2	23.7	23.7	23.8	24.0	24.3	24.5	25.1	
25	15.9	17.4	21.1	24.1	24.3	25.2	25.9	26.1	26.6	26.6	26.8	26.9	27.2	27.4	28.0	
10	17.3	19.1	23.5	26.8	27.0	27.9	28.6	28.8	29.3	29.3	29.4	29.6	29.9	30.1	30.7	
5	17.4	19.2	23.7	27.0	27.2	28.1	28.8	29.0	29.5	29.5	29.7	29.8	30.1	30.4	30.9	
2	18.1	20.0	24.8	28.1	28.4	29.3	30.1	30.3	31.0	31.0	31.1	31.3	31.6	31.9	32.4	
1	18.5	20.6	25.5	28.9	29.1	30.1	30.8	31.1	31.7	31.7	31.9	32.0	32.3	32.6	33.2	
0	20.1	22.6	27.8	31.6	31.9	32.9	33.7	33.9	34.7	34.7	34.9	35.1	35.4	35.6	36.2	
1000	22.3	24.7	30.6	34.6	35.0	36.2	37.2	37.4	38.2	38.2	38.3	38.5	38.8	39.1	39.7	
800	24.0	27.4	34.4	39.7	40.2	41.6	42.6	42.8	43.6	43.6	43.8	44.0	44.3	44.6	45.2	
600	26.0	29.8	37.9	43.8	44.3	45.9	47.1	47.3	48.3	48.3	48.5	48.7	49.0	49.3	49.9	
400	28.1	32.4	41.6	48.4	49.0	51.1	52.5	52.8	53.8	53.8	54.1	54.3	54.6	54.8	55.5	
200	28.7	33.1	42.8	49.7	50.3	52.4	53.7	54.1	55.2	55.2	55.4	55.7	56.0	56.2	56.8	
100	30.3	35.6	46.4	54.7	55.7	58.5	60.1	60.7	61.9	62.0	62.3	62.5	62.9	63.1	63.8	
50	32.1	37.7	49.6	59.1	60.2	63.5	65.7	66.6	67.8	67.9	68.2	68.5	68.8	69.1	69.7	
25	32.9	39.0	52.2	63.1	64.5	68.0	70.9	72.1	73.8	73.9	74.2	74.5	74.9	75.2	75.8	
10	33.1	39.3	53.8	65.0	66.4	69.9	73.5	75.0	76.7	76.9	77.2	77.6	78.0	78.3	78.9	
5	33.2	39.3	54.8	66.7	68.2	72.0	76.0	77.7	79.6	79.7	80.1	80.6	81.1	81.3	82.0	
2	33.2	39.4	55.1	67.2	68.7	73.1	78.0	80.2	82.6	82.8	83.3	83.8	84.3	84.6	85.3	
1	33.2	39.4	55.3	67.5	69.1	73.7	79.2	82.0	85.1	85.4	86.1	86.8	87.5	87.7	88.5	
0	33.2	39.4	55.3	67.6	69.1	73.9	79.9	82.9	86.5	87.0	88.2	89.0	90.0	90.2	91.0	
1000	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.1	87.3	88.0	89.6	91.0	92.3	92.7	93.9	
800	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.1	87.5	88.5	90.8	92.6	94.6	95.3	97.2	
600	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.1	95.3	96.3	98.8	
400	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.2	95.4	96.3	99.5	
200	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.2	95.4	96.3	100.0	
100	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.2	95.4	96.3	100.0	
50	33.2	39.4	55.3	67.6	69.1	73.9	79.9	83.2	87.6	88.7	91.2	93.2	95.4	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 2938

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 7715

HOMENFELS AAF GF

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0000

CEILING (FEET)	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 7.6	≥ 6.2	≥ 4.8	≥ 3.4	≥ 2.0	≥ 1.6	≥ 1.2	≥ 0.8	≥ 0.6	≥ 0.4	≥ 0.3	≥ 0.2	≥ 0.1	≥ 0.05	≥ 0.02	≥ 0.01
≥ 1000	8.2	10.1	15.2	16.8	17.1	19.0	20.1	20.4	21.1	21.1	21.1	21.2	21.5	21.8	22.5	
≥ 800	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 600	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 400	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 200	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 100	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 50	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 25	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 12.5	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 6.2	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 3.1	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 1.6	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.8	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.4	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.2	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.1	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.05	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.02	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	
≥ 0.01	8.2	10.1	15.3	17.0	17.3	19.2	20.3	20.5	21.2	21.2	21.2	21.4	21.6	21.9	22.6	

TOTAL NUMBER OF OBSERVATIONS 730

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAH

CEILING VERSUS VISIBILITY

7715 MOHNFELS AAF GE

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

ELEVATION FEET	VISIBILITY - STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240
	>16	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5
20000	7.7	9.1	11.5	13.6	14.4	14.7	16.1	16.5	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.3
18000	8.5	9.9	12.5	15.1	15.9	16.1	17.9	18.3	18.9	19.1	19.1	19.1	19.1	19.1	19.3	19.6
16000	8.7	10.0	12.7	15.2	16.0	16.3	18.0	18.4	19.1	19.2	19.2	19.2	19.2	19.3	19.6	19.7
14000	8.7	10.0	12.7	15.3	16.1	16.4	18.1	18.5	19.2	19.3	19.3	19.3	19.3	19.5	19.7	19.9
12000	8.9	10.3	12.9	15.7	16.7	17.1	18.8	19.2	19.9	20.0	20.0	20.0	20.0	20.1	20.4	20.5
10000	9.2	10.5	13.2	16.0	16.9	17.3	19.1	19.5	20.1	20.3	20.3	20.3	20.3	20.4	20.7	20.8
8000	9.7	11.1	14.0	17.5	18.4	18.8	20.7	21.1	21.7	21.9	21.9	21.9	21.9	22.0	22.3	22.4
6000	10.1	11.5	14.8	18.4	19.3	19.7	21.6	22.0	22.7	22.8	22.8	22.8	22.8	22.9	23.2	23.3
4000	11.2	12.7	16.5	20.5	21.7	22.5	24.4	24.8	25.5	25.6	25.6	25.6	25.6	25.9	26.1	26.3
2000	12.5	14.4	18.9	23.3	24.7	25.7	27.6	28.0	28.7	28.8	28.8	28.8	28.8	29.1	29.3	29.5
0000	12.7	14.5	19.1	23.5	24.8	25.9	27.7	28.1	28.8	28.9	28.9	28.9	28.9	29.2	29.5	29.6
20000	12.9	14.8	19.7	24.3	25.6	26.7	28.7	29.1	29.7	29.9	29.9	29.9	29.9	30.1	30.4	30.5
18000	13.6	15.5	20.5	25.3	26.7	27.7	30.0	30.4	31.1	31.2	31.2	31.2	31.2	31.5	31.7	31.9
16000	15.2	17.3	23.7	28.7	30.0	31.1	33.6	34.0	34.7	34.8	34.8	34.8	34.8	35.1	35.3	35.5
14000	16.1	19.1	25.6	31.9	33.2	34.3	36.9	37.3	38.0	38.1	38.1	38.1	38.1	38.4	38.7	38.8
12000	18.3	21.6	29.5	36.4	37.9	39.2	42.1	42.7	43.3	43.5	43.5	43.5	43.5	43.7	44.0	44.1
10000	19.3	22.7	31.2	38.7	40.3	42.1	45.2	46.0	46.8	46.9	47.1	47.1	47.1	47.3	47.6	47.7
8000	21.6	25.5	34.7	42.5	44.1	46.5	49.9	50.0	51.5	51.6	51.7	51.7	51.7	52.0	52.3	52.4
6000	21.9	25.9	35.3	43.5	45.1	47.5	50.8	51.6	52.5	52.7	52.8	52.8	52.8	53.1	53.3	53.5
4000	24.0	29.2	39.6	49.6	51.2	54.4	57.7	58.7	59.6	59.7	59.9	59.9	59.9	60.1	60.4	60.5
2000	26.3	31.6	42.3	52.7	54.4	57.7	61.5	62.4	63.5	63.6	63.7	63.7	63.7	64.0	64.3	64.4
0000	26.8	33.2	44.7	56.1	58.1	61.9	65.9	66.8	68.5	68.7	68.8	68.8	68.8	69.1	69.3	69.5
20000	26.9	33.6	45.6	57.6	59.6	63.9	68.9	69.9	72.3	72.4	72.5	72.5	72.5	72.8	73.1	73.2
18000	27.6	34.4	46.9	58.3	62.3	66.8	72.4	73.3	76.5	76.7	76.9	76.9	76.9	77.3	77.6	77.7
16000	27.9	34.7	47.7	61.3	63.9	68.9	75.3	77.2	81.6	81.9	82.1	82.3	82.3	82.7	82.9	83.1
14000	28.0	34.8	47.9	61.7	64.3	69.9	76.9	80.0	84.8	85.1	85.6	85.9	86.9	87.2	87.3	
12000	28.0	34.8	47.9	61.7	64.3	70.0	77.3	80.4	86.0	86.9	87.7	88.3	90.5	90.8	90.9	
10000	28.0	34.8	47.9	61.7	64.3	70.0	77.5	80.9	87.6	88.5	89.5	90.0	93.2	93.7	94.0	
8000	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.3	91.1	95.7	96.9	97.7	
6000	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.3	91.2	96.1	97.9	99.2	
4000	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.3	91.2	96.1	97.9	99.3	
2000	28.0	34.8	47.9	61.7	64.3	70.0	77.6	81.2	88.0	88.9	90.7	91.6	96.8	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 750

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715
STATION

HOFENFELS AAF GE

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
MONTH

ELEVATION FEET	VISIBILITY STATUTE MILES															
	>16.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0	3.0	2.0	1.0	0.5	0.25	0.15	0.10	0.05
20000	10.2	10.8	14.0	17.2	17.4	17.9	18.8	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
18000	11.3	12.3	15.8	19.8	19.9	20.8	21.8	21.8	22.2	22.4	22.4	22.4	22.4	22.4	22.4	22.4
16000	11.7	12.7	16.2	20.4	20.5	21.4	22.5	22.5	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1
14000	11.8	12.8	16.4	20.5	20.7	21.5	22.6	22.6	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2
12000	12.4	13.4	17.0	21.1	21.2	22.1	23.2	23.2	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
10000	12.8	13.8	17.4	21.7	21.8	22.6	23.8	23.8	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4
8000	13.4	14.4	18.1	22.8	22.9	23.9	25.5	25.5	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1
6000	14.1	15.1	18.9	23.8	23.9	24.9	26.5	26.5	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1
4000	16.5	17.7	21.8	26.8	26.9	28.2	29.8	29.8	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5
2000	18.1	19.8	24.6	30.1	30.2	31.5	33.2	33.2	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0
0000	18.1	19.8	24.8	30.2	30.3	31.6	33.3	33.3	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
18000	18.8	20.5	25.6	31.2	31.3	32.6	34.3	34.3	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
16000	19.1	20.8	25.9	31.5	31.6	32.9	34.6	34.6	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5
14000	20.9	23.4	28.9	34.5	34.6	36.3	38.0	38.0	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
12000	22.2	25.4	31.1	37.6	37.7	39.5	41.2	41.2	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
10000	24.1	27.5	33.9	40.7	41.0	43.2	44.9	45.0	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
8000	27.9	31.5	37.9	45.3	45.6	47.7	49.4	49.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
6000	29.8	34.1	41.3	49.4	49.7	51.9	53.6	53.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1
4000	30.1	34.5	42.0	50.3	50.6	52.7	54.4	54.6	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0
2000	31.6	36.9	45.7	55.6	55.8	58.8	60.8	61.0	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5
0000	34.1	39.3	48.4	59.0	59.5	62.8	65.0	65.2	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0
18000	35.0	40.7	52.4	64.8	65.8	69.8	71.9	72.4	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5
16000	36.5	42.2	54.1	67.4	68.4	72.9	75.6	76.2	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9
14000	36.6	43.0	55.3	69.5	70.5	76.2	79.5	80.2	83.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9
12000	36.6	43.0	55.3	69.9	71.1	77.1	81.1	82.9	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3
10000	36.6	43.0	55.3	70.4	71.5	77.9	83.2	85.5	89.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5
8000	36.6	43.0	55.3	70.5	71.7	78.5	84.0	86.6	92.2	92.6	93.0	93.2	93.2	93.2	93.2	93.2
6000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	95.9	95.9	95.9	95.9
4000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	95.9	95.9	95.9	95.9
2000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	95.9	95.9	95.9	95.9
0000	36.6	43.0	55.3	70.5	71.7	78.5	84.2	87.0	93.4	94.6	95.3	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 702

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715 HOHENFELS AAF GE

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOUR

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	>16	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	2510	2	20	
1000	11.8	14.6	17.6	20.1	20.3	20.7	21.9	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	
900	13.7	16.7	20.6	23.6	23.7	24.2	25.5	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	
800	14.3	17.5	21.3	24.5	24.6	25.1	26.6	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	
700	14.3	17.5	21.3	24.4	24.9	25.0	26.9	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	
600	14.5	17.8	21.6	25.4	25.5	26.0	27.6	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
500	14.8	18.1	22.1	26.0	26.1	26.6	28.2	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	
400	15.1	18.4	22.5	26.4	26.6	27.2	28.8	29.3	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
300	15.8	19.1	23.3	27.2	27.3	28.1	29.7	30.1	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
200	16.1	22.2	26.7	31.7	32.9	31.6	33.3	33.7	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	
100	14.9	24.3	29.4	33.6	33.7	34.6	36.3	36.7	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
50	9.9	24.3	29.4	33.6	33.7	34.6	36.3	36.7	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
0	7.7	25.5	31.6	34.8	34.9	35.8	37.6	38.1	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
1000	11.3	26.1	31.3	35.5	35.7	36.7	38.5	39.0	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	
900	23.7	29.0	34.3	39.3	39.4	40.9	42.8	43.3	43.7	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
800	24.6	31.0	35.4	40.6	40.7	42.0	44.3	44.8	45.2	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
700	27.6	33.0	39.0	44.6	44.8	46.6	48.5	49.0	49.4	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
600	11.0	36.6	42.0	49.0	49.1	50.9	52.8	53.3	53.7	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
500	12.2	37.9	44.9	51.3	51.5	53.7	55.7	56.1	56.7	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
400	13.1	39.8	46.1	53.0	53.1	55.4	57.3	57.9	58.5	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
300	13.4	41.0	49.3	56.6	56.9	59.9	61.9	62.5	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
200	16.7	43.3	52.2	59.9	60.3	64.0	66.6	67.3	68.4	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
100	16.2	45.2	56.0	64.0	64.6	68.8	71.9	72.8	73.9	74.3	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
50	16.8	46.0	57.3	66.6	67.2	71.6	74.9	76.0	77.3	77.9	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
0	19.4	47.0	58.4	68.4	69.0	74.0	77.8	79.3	80.9	81.6	81.8	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
1000	4.0	47.8	59.3	71.4	71.2	77.2	81.2	83.4	86.1	87.2	87.3	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
900	40.0	47.8	59.3	70.7	71.5	78.1	83.1	85.4	88.2	89.3	89.6	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	
800	4.0	47.8	59.3	70.7	71.5	78.4	84.2	86.7	90.6	91.8	92.2	92.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	
700	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.6	93.4	93.9	94.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	
600	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.6	93.7	94.2	95.2	97.6	97.9	98.2	98.2	98.2	98.2	98.2	
500	40.0	47.8	59.3	70.7	71.5	78.5	84.5	87.0	91.9	93.9	94.3	95.4	98.1	98.5	99.4	99.4	99.4	99.4	99.4	
400	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.9	93.9	94.3	95.4	98.1	98.7	99.9	99.9	99.9	99.9	99.9	
300	40.0	47.8	59.3	71.7	71.5	78.5	84.5	87.0	91.9	93.9	94.3	95.4	98.1	98.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 470

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715

HOMENFELS AAF GF

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	>15	GE9	GE3	GE6	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE03
NO CEILING	5.4	11.7	14.4	16.8	17.2	17.9	19.0	19.3	19.7	19.7	19.7	19.7	19.7	19.8	20.0	20.1
20000	10.3	12.1	15.9	18.7	19.0	19.9	21.2	21.5	22.0	22.1	22.1	22.1	22.1	22.2	22.3	22.5
18000	10.6	12.5	16.3	19.1	19.5	20.3	21.7	22.0	22.5	22.5	22.5	22.6	22.7	22.7	22.9	23.0
16000	10.7	12.5	16.3	19.2	19.6	20.5	21.8	22.1	22.6	22.7	22.7	22.7	22.7	22.8	23.0	23.2
14000	10.9	12.9	16.7	19.7	20.1	21.0	22.4	22.7	23.2	23.2	23.2	23.3	23.4	23.5	23.7	23.7
12000	11.2	13.1	17.0	20.1	20.5	21.4	22.8	23.1	23.6	23.7	23.7	23.7	23.8	23.9	24.2	24.2
10000	11.5	13.5	17.6	21.2	21.6	22.6	24.2	24.5	25.0	25.1	25.1	25.2	25.3	25.5	25.7	25.7
8000	12.0	14.0	18.2	21.9	22.3	23.4	25.0	25.3	25.8	26.0	26.0	26.0	26.2	26.3	26.5	26.5
6000	13.6	15.9	20.4	24.4	24.9	26.1	27.8	28.1	28.7	28.9	28.9	28.9	29.1	29.2	29.4	29.4
4000	14.8	17.4	22.6	26.9	27.4	28.9	30.7	31.0	31.7	31.8	31.8	31.9	32.1	32.3	32.5	32.5
3000	14.9	17.6	22.8	27.0	27.6	29.1	30.9	31.2	31.9	32.0	32.0	32.0	32.3	32.4	32.6	32.6
2000	15.4	18.1	23.5	27.8	28.3	29.9	31.8	32.1	32.7	32.9	32.9	32.9	33.2	33.3	33.5	33.5
1500	15.9	18.7	24.1	28.5	29.1	30.8	32.7	33.0	33.7	33.8	33.8	33.9	34.1	34.3	34.5	34.5
1000	17.6	20.9	27.1	31.8	32.3	34.3	36.3	36.6	37.3	37.5	37.5	37.6	37.8	38.0	38.2	38.2
750	18.4	22.3	28.6	34.1	34.6	36.6	38.7	39.0	39.7	39.9	39.9	40.0	40.2	40.4	40.6	40.6
500	20.4	24.7	32.1	37.9	38.6	41.0	43.2	43.6	44.3	44.5	44.5	44.6	44.8	45.0	45.2	45.2
250	23.0	27.3	35.4	42.2	42.9	45.6	47.9	48.3	49.1	49.3	49.3	49.4	49.6	49.8	50.0	50.0
100	24.8	29.7	39.7	45.9	46.7	49.9	52.4	52.8	53.7	53.9	53.9	54.0	54.2	54.4	54.6	54.6
50	25.2	30.2	39.4	46.8	47.6	50.8	53.3	53.8	54.7	54.9	54.9	55.0	55.3	55.4	55.6	55.6
25	27.2	32.9	43.1	51.9	52.7	56.7	59.4	60.0	60.9	61.1	61.2	61.3	61.5	61.6	61.9	61.9
10	29.1	35.3	45.9	55.6	56.5	61.2	64.3	65.0	66.2	66.4	66.5	66.6	66.9	67.0	67.3	67.3
5	29.9	36.7	48.7	59.5	60.6	66.2	69.8	70.6	72.1	72.3	72.5	72.6	72.8	73.0	73.2	73.2
2	30.4	37.5	49.9	61.3	62.5	68.5	72.7	73.5	75.4	75.7	75.8	75.9	76.2	76.4	76.6	76.6
1	30.9	38.4	51.1	63.5	64.6	71.3	76.1	77.1	79.6	80.0	80.2	80.3	80.6	80.8	81.0	81.0
700	31.1	38.6	51.5	64.5	65.8	73.0	78.4	80.3	83.8	84.4	84.6	84.7	85.1	85.3	85.5	85.5
600	31.2	38.6	51.6	64.8	66.2	73.9	80.1	82.5	86.5	87.1	87.4	87.6	88.3	88.5	88.7	88.7
500	31.2	38.6	51.6	65.0	66.4	74.5	81.0	83.6	88.5	89.3	89.9	90.3	92.0	92.2	92.5	92.5
400	31.2	38.6	51.6	65.0	66.4	74.5	81.1	83.9	89.8	91.0	91.8	92.5	94.6	95.0	95.3	95.3
300	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.0	91.3	92.3	93.2	96.4	97.1	97.8	97.8
200	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.1	91.4	92.4	93.4	96.9	98.0	99.2	99.2
100	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.1	91.4	92.4	93.4	97.0	98.2	99.6	99.6
50	31.2	38.6	51.6	65.0	66.4	74.5	81.2	84.0	90.1	91.4	92.6	93.7	97.3	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2852

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
17715 HOFENFELS AAF GF
STATION NAME STATION NAME

71-84

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00						.5	.3						.0
05						1.3	3.1						.1
10						5.0	12.2	.8					.5
15						4.7	17.1	21.9	4.6				2.1
20						15.2	36.5	48.1	46.3	17.7			6.7
25						26.9	57.4	63.1	64.7	33.9	.3		14.0
30			.3	4.3		26.9	57.4	63.1	64.7	33.9	2.0		27.9
35			4.2	14.4		47.8	67.7	78.2	83.0	50.0	7.6		37.1
40			11.7	28.1		68.1	87.7	93.8	94.5	75.5	19.6		40.9
45		.3	21.9	46.3		95.8	97.4	99.2	99.7	90.3	5.3	.6	50.1
50	.8	4.7	40.5	64.4		94.1	100.0	100.0	98.1	66.7	17.1	3.9	58.5
55	5.2	12.7	58.2	79.1		97.9			100.0	85.7	34.1	10.3	66.1
60	18.1	32.2	76.5	95.2		99.7				98.9	56.5	23.0	75.7
65	41.4	65.0	94.5	99.2	100.0					100.0	83.5	52.4	86.7
70	73.7	91.4	98.4	100.0							96.8	78.5	94.9
75	87.2	98.1	99.2								99.1	92.4	98.0
80	95.3	100.0	99.7								100.0	97.6	99.4
85	99.2		100.0									99.7	99.9
90	99.7												100.0
95	100.0											100.0	100.0
MEAN	73.1	37.1	47.3	53.5	64.1	70.2	73.6	73.0	65.6	53.1	41.6	34.9	53.9
S.D.	7.305	6.511	9.446	9.369	9.229	9.870	9.390	7.964	8.435	7.620	7.307	7.554	16.739
TOTAL OBS	362	343	383	374	387	381	385	365	372	357	341	330	4419

USAFETAC FORM 0-215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

1715 HONENFELS AAF GE

STATION STATION NAME

71-84

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
55					.3	.5	.8	.3					.1
50					3.9	4.7	11.2	9.6	1.9				2.4
45			1.6	1.6	27.1	26.8	45.2	34.8	14.8	.6			10.7
40	.5		5.0	7.2	50.1	68.2	86.8	71.2	39.0	9.8	1.5		26.2
35	3.4	.6	11.0	21.4	75.5	85.8	96.9	89.0	64.5	22.7	3.5	3.3	36.5
30	14.1	12.1	35.8	46.0	91.0	96.6	99.7	98.1	83.9	49.9	13.8	7.9	47.6
25	19.9	21.5	47.0	60.7	94.8	100.0	100.0	100.0	95.7	75.9	41.5	19.4	61.6
20	40.3	41.0	67.9	80.7	99.0				97.8	81.8	56.2	30.3	68.0
15	62.0	63.1	84.1	93.9	100.0				100.0	89.1	75.0	52.4	79.1
10	76.2	75.8	91.4	99.7						95.2	89.1	70.0	88.3
5	84.3	86.5	96.1	100.0						98.9	95.9	81.8	93.4
0	89.5	93.9	98.4							100.0	98.2	88.5	96.2
-5	95.0	97.2	99.5								99.1	93.9	97.9
-10	97.6	98.6	100.0									97.6	99.1
-15	99.5	99.7										99.1	99.6
-20		100.0										100.0	99.9
-25	100.0												100.0
-30													100.0
MEAN	25.1	25.5	31.4	34.5	44.2	50.9	53.9	51.9	46.8	39.1	32.9	27.7	38.7
S.D.	10.448	9.027	8.075	6.355	6.380	5.463	4.744	5.843	6.896	7.632	7.126	9.760	12.619
TOTAL OBS	382	363	383	374	387	381	385	365	372	357	340	330	4419

USAFETAC FORM 0-215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 1715 HOFENFELS AAF GE
 STATION STATION NAME

DAILY TEMPERATURES

71-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
87						.5	.3						.0
75						2.6	2.6	1.1					.4
71					.8	7.1	21.5	8.8	1.1				3.3
65					4.4	28.6	46.8	38.4	8.3	.3			10.8
61				.3	23.8	60.9	75.8	72.3	33.9	1.1			22.9
55			1.8	4.8	49.9	84.0	95.3	93.2	63.2	11.5	.6		34.5
50			9.9	22.2	76.7	97.4	100.0	100.0	86.6	31.9	3.2	.9	45.0
45	1.3	.6	25.1	47.1	94.3	100.0			97.3	59.9	15.0	6.4	54.8
41	11.0	9.9	51.7	73.5	99.5				100.0	86.3	40.9	14.5	66.3
35	24.3	34.4	79.4	97.1	100.0					98.0	68.2	36.1	78.7
31	55.8	66.9	93.2	100.0						100.0	90.9	64.2	89.5
25	77.5	84.6	95.8								97.1	82.7	94.9
20	86.1	95.6	98.7								98.8	90.6	97.5
15	93.2	98.1	99.5								100.0	97.6	99.0
10	98.2	100.0	100.0									99.4	99.8
5	99.5											99.7	99.9
1	99.7											100.0	100.0
-5	100.0												100.0
MEAN	29.3	31.6	39.6	44.2	54.4	60.8	64.0	62.7	56.5	46.4	37.6	31.6	46.6
S D	8.458	6.667	7.470	6.049	6.360	6.009	5.846	5.271	6.072	6.285	6.508	8.276	13.981
TOTAL OBS	382	363	383	374	387	381	385	365	372	357	340	330	4419

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

100715 HOFENFELS AAF GE

71-84

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
71	42*	46	68	71*	86	80*	91*	89*	73*	66*	59*	48	* 91
72	37*	53	68*	68	75	94*	89*	89*	81*	66*	51*	46	* 89
73	39	42	62	66*	80	84	89	87*	89*	69*	53*	48	* 89
74	40*	53	71	69*	73*	77*	92*	91*	78*	51	55*	53	* 91
75	46*	53	59	69	80*	82*	86		84	66	53*	42	
76	46*	50	64	73	82	87	93	78	75	71*	55*	42	93
77	44*	59	69	66*	78	87	86	82	77	73*	60*	42	87
78	39*	51	68	66	77	82*	82	84	75*	69*	48*	51	84
79	39*	44*	60*	64*	86	86	84	86*	82*	68*	50*	57	* 86
80	45*	54*	63*	70*	73	91	94*	90*	81*	64*	57*	46	* 91
81	36*	46*	64*	73*	81	88*	82	84*	82*	68*	55*	41	88
82	45*	46*	61*	70*	84*	99*	91	88*	82*	64*	55*	54	* 99
83	54*	54*	57*	73*	79	86*	102	91*	81*	75*	55*	48	* 102
84	45*	43											
MEAN			66.1	68.6	78.5	85.5	87.2	85.0	77.8	70.0	54.0		
S D			4.051	2.760	3.109	3.136	3.834	3.964	4.272				
TOTAL OBS	382	363	383	374	387	381	385	365	372	357	340	330	4419

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 8-68 (OEA)

* AT LEAST ONE DAY LESS THAN 24 OBS

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

107715 STATION MOENFELS AAF GE 75-89 YEARS JAN MONTH

PAGE 1 6600-6000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
45/ 47		.8																3	3					
46/ 45	1.0	.8	.4															14	14	12	12			
44/ 43	.5	1.0																12	17	6	6			
42/ 41	1.7	1.9	.1															29	29	31	19			
40/ 39	2.9	1.4																34	34	31	36			
38/ 37	2.4	1.8																33	33	31	25			
36/ 35	2.5	.8																26	26	36	32			
34/ 33	5.5	4.2																76	76	62	52			
32/ 31	8.9	1.7																99	99	117	97			
30/ 29	6.1	7.1																72	72	72	89			
28/ 27	12.5	1.4																109	109	105	111			
26/ 25	3.7	1.9																44	46	33	49			
24/ 23	4.5	.5																39	39	50	42			
22/ 21	2.8	.6																27	27	26	35			
20/ 19	3.4																	27	27	32	22			
18/ 17	1.9	.8																18	19	18	19			
16/ 15	1.8	.8																17	17	17	23			
14/ 13	1.3	.8																13	13	13	11			
12/ 11	2.2	.1																18	18	17	19			
10/ 9	2.0																	16	16	17	19			
8/ 7	1.3																	10	17	10	10			
6/ 5	1.4																	11	11	11	8			
4/ 3	.5																	4	4	4	11			
2/ 1	.6																	5	5	5	7			
/ -1	1.9																	15	15	15	6			
-2/ -3	.8																	6	6	6	8			
-4/ -5	.3																	2	2	2	7			
-6/ -7																						8		
-1 / -11	.8																	3	3	3				
-12 / -13																						3		
-14 / -15	.8																	3	3	3	2			
-16 / -17																						1		
TOTAL	75.224.3	.5																785	787	785	785			
Element (X)	Σx^2	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	7195996	74998	95.5	6.219	785	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total												
Dry Bulb	663869	21203	26.9	10.886	787	3.4	88.2					93												
Wet Bulb	665999	20903	26.6	10.678	785	3.4	88.2					93												
Dew Point	618839	20272	25.8	11.027	785	3.7	71.6					93												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

107715 MCHEMFELS AAF GE 75-84 JAN 1975

PAGE 1 1900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
40 / 40																		1														1				
42 / 42																		2														2				
44 / 44																		15														15	15	6	4	
46 / 46																		14														14	14	17	11	
48 / 48																		39														39	39	34	32	
50 / 50																		34														34	34	28	28	
52 / 52																		39														39	39	33	25	
54 / 54																		50														50	50	54	39	
56 / 56																		77														77	77	77	61	
58 / 58																		112														112	112	133	117	
60 / 60																		70														70	70	69	87	
62 / 62																		176														176	100	97	113	
64 / 64																		39														39	39	33	46	
66 / 66																		37														37	37	41	48	
68 / 68																		24														24	24	31	27	
70 / 70																		26														26	26	16	26	
72 / 72																		25														25	25	27	16	
74 / 74																		14														14	14	16	14	
76 / 76																		19														19	19	19	19	
78 / 78																		17														17	17	16	19	
80 / 80																		12														12	12	13	25	
82 / 82																		16														16	16	8	7	
84 / 84																		3														3	3	5	7	
86 / 86																		5														5	5	5	7	
88 / 88																		5														5	5	5	6	
90 / 90																		5														5	5	5	5	
92 / 92																		1														1	1	1	2	
94 / 94																		1														1	1	1	2	
96 / 96																		1														1	1	1	1	
98 / 98																		1														1	1	1	2	
100 / 100																		1														1	1	1	2	
TOTAL	69.3	33.1	2.7															792														792		792		
Element (X)	Mean No. of Hours with Temperature																																			
Ref. Hum.	7039373	74443	94.0	7.304	792																															
Dry Bulb	729030	22710	28.7	9.596	792																															
Wet Bulb	697533	22311	28.2	9.391	792																															
Dew Point	658245	21478	27.1	9.669	792																															

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR IMAGE OF THIS FORM ARE CONTAINED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1715 HOFENFELS AAF GE 75-84 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 1270-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL			TOTAL			TOTAL			TOTAL			TOTAL			TOTAL			TOTAL		
54/ 53			.1															1	1																			
52/ 51			.3															2	2																			
50/ 49				.1														1	1	1																		
48/ 47				.1	.1													2	2	2																		
46/ 45	.5	.7	.7	.1														12	12	5	7																	
44/ 43	.5	1.2	1.2	.3														39	39	20	4																	
42/ 41	2.3	2.3	1.8	.1	.1													49	49	40	35																	
40/ 39	2.0	1.6	1.6															39	39	40	40																	
38/ 37	1.2	3.4	.7															39	39	32	19																	
36/ 35	1.2	8.5	.9															75	75	58	32																	
34/ 33	0.9	7.0	.8															97	97	120	66																	
32/ 31	0.1	7.4	.4															103	103	131	129																	
30/ 29	3.5	0.4																59	59	67	93																	
28/ 27	5.4	4.2	.3															73	73	58	98																	
26/ 25	2.7	2.7																35	35	41	51																	
24/ 23	2.1	3.1	.3															40	40	32	38																	
22/ 21	2.0	1.1																23	23	36	38																	
20/ 19	.9	1.5																18	18	17	17																	
18/ 17	.9	1.5																18	18	26	21																	
16/ 15	.5	.4																7	7	10	15																	
14/ 13	.4	.1																5	5	5	19																	
12/ 11																					12																	
10/ 9	.3																	2	2	2	8																	
8/ 7		.4																3	3		2																	
6/ 5																					3																	
4/ -1																																						
TOTAL	37.55	52.4	8.8	.8	.1													742	742	742	742																	

Element (X)	2 _g	2 _g	I	° _g	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5922863	45891	88.8	9.808	742	< 1 F	< 32 F	< 47 F	< 73 F	< 80 F	< 92 F	
Dry Bulb	798952	23730	32.0	7.351	742		98.4					93
Wet Bulb	745150	22934	30.9	6.999	742		83.6					93
Dew Point	448263	21667	28.9	7.638	742		67.6					93

PSYCHROMETRIC SUMMARY

177715 HOHENFELS AAF GE
STATION STATION NAME

75-24

YEARS



PAGE 1 ~~1500-1700~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
52/ 51			.1															1	1																	
52/ 49		.1		.1														3	1																	
45/ 47	.1		.1															3	1	2	2															
45/ 45		1.4	.3	.1														13	13	7	1															
44/ 43	.1	2.4	.7															23	23	11	8															
42/ 41	2.9	4.0	1.1	.4														61	61	42	34															
4 / 39	1.1	1.5	.6															23	23	34	31															
32/ 32	1.7	4.2	.6															46	46	31	24															
35/ 35	1.7	4.6	.4															48	48	52	47															
34/ 33	4.4	8.2	.3															107	107	111	51															
32/ 31	4.6	7.0																83	83	108	111															
3 / 29	5.0	4.0																71	71	73	91															
20/ 27	6.1	6.6	.1															92	92	71	107															
26/ 25	2.4	1.8																30	30	46	32															
24/ 23	2.4	2.8																37	37	30	47															
22/ 21	2.4	1.4	.1															25	25	32	34															
20/ 19	1.4	.4																13	13	20	19															
18/ 17	.8	1.7																18	18	20	17															
16/ 15	.6	.6																8	9	10	20															
14/ 13	.7	.1																6	6	6	14															
12/ 11	.1	.1																2	2	2	10															
1 / 9	.1	.1																2	2	1	8															
3/ 7																				1	1															
6/ 5		.3																2	2		1															
4/ 3																				2																
1 / -1																																				
-2/ -3																																				
-4/ -5																																				
TOTAL	40.35	4.3	4.6	.8														717	717	717	717															

PSYCHROMETRIC SUMMARY

157785
AVIATION

HOMENFELS AAF GE

75-84

YEARS



PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17715 MOHNFELS AAF GE
STATION STATION NAME

75-84

YF499



PAGE 2

ALL
HOURS (C.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-14/-15	.1																		3	?	3	?		
-16/-17																						1		
TOTAL	54.94	.6	4.1	.4	.7														3036	3038	3036	3036		

PSYCHROMETRIC SUMMARY

YEARS

FEH
MONTH

PAGE 1 2600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
44/ 43		.9																6	5	3					
42/ 41		.4	1.6	.3														17	17	9	7				
40/ 39		1.5	1.7															24	24	20	23				
38/ 37		2.5	.5															23	23	30	22				
35/ 35		2.1	2.1	.3														34	34	22	29				
34/ 33		4.4	3.5															59	59	64	38				
32/ 31		5.4	2.1															56	56	66	74				
30/ 29		5.2	3.5															65	65	58	58				
28/ 27		12.6	2.4	.1														113	113	111	111				
26/ 25		5.1	1.5															49	49	51	58				
24/ 23		8.2	.7															66	66	71	60				
22/ 21		3.2	.5															33	33	32	88				
20/ 19		5.1	.1															40	40	43	36				
18/ 17		2.7	.5															24	24	25	32				
16/ 15		2.9	.4															25	25	25	28				
14/ 13		3.3	.5															29	29	29	32				
12/ 11		2.3	.5															21	21	21	19				
10/ 9		2.8																21	21	21	27				
8/ 7		.9																7	7	7	12				
6/ 5		.8																6	6	6	9				
4/ 3		.5	.4															7	7	4	7				
2/ 1		.5																4	4	7	3				
0/ -1		1.3	.1															11	11	10	9				
-2/ -3		.4																3	3	4	6				
-4/ -5		.4	.1															4	4	3	2				
-6/ -7																				1					
-8/ -9																					2				
-10/-11																					1				
-18/-19																					1				
-26/-27																					1				
TOTAL	75.5	23.8	.7															747	747	747	747				

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

107715 HCHENFELT AAF GE 75-84 EFB MONTH

PAGE 1 1900-11-0 HOURS (L.T.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point														
44/ 47																															1	1		
46/ 45																															5	5		
48/ 43		1.2																													12	12	4	
50/ 41		2.8	3.6																												37	37	26	17
52/ 39	1.3	2.9	1.1																												42	42	31	26
54/ 37	1.8	2.1																													32	32	36	35
56/ 35	2.1	4.5	1.2																												59	59	47	31
58/ 33	4.4	6.6	1.2																												95	95	89	87
60/ 31	5.2	4.6																													80	87	111	100
62/ 29	4.4	3.7																													63	63	73	88
64/ 27	1.3	5.7																													126	126	107	113
66/ 25	5.6	1.5																													53	53	70	75
68/ 23	5.4	1.3																													52	52	54	74
70/ 21	2.8																														23	23	29	83
72/ 19	7.0																														20	20	17	27
74/ 17	1.6																														13	13	18	29
76/ 15																															8	8	9	11
78/ 13	1.2																														11	11	10	9
80/ 11																															8	8	8	16
82/ 9																															8	8	6	7
84/ 7																															1	1	3	3
86/ 5																															4	4	5	4
88/ 3																															2	2	2	6
90/ -1																																		
92/ -3																																		
94/ -5																																		
96/ -7																																		
98/ -9																																		
TOTAL	51.73	9.7	7.3	1.1	.1																											755	755	755

Element (X)	Σx'	Σx	Σ	Σs	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	63170A2	66628	90.9	10.232	785	≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	713149	22508	29.8	7.976	785		52.5					84
Wet Bulb	671642	21874	29.0	7.090	785		58.1					84
Dew Point	606181	20629	27.3	7.810	785	.2	66.6					84

USAFETAC FORM 0-26-5 (OL A) 1-65 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣR^2	ΣR	Σ	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6317082	68628	90.910	232	755	$\leq 60^\circ F$	$\leq 62^\circ F$	$\leq 67^\circ F$	$\leq 72^\circ F$	$\leq 80^\circ F$	$\leq 92^\circ F$	
Dry Bulb	713148	22508	29.8	7.976	755		52.5					83
Wet Bulb	671642	21874	29.0	7.090	755		58.1					84
Dew Point	606181	20629	27.3	7.810	755		66.6					88

PSYCHROMETRIC SUMMARY

75-84

550

PAGE 1 1200-1400

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1.7715 MOHNFELS AAF GF

75-88

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
FORM (1-1-71)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
57 / 57																			1	1					
56 / 55																			1	1					
54 / 51																			4	4					
52 / 51																			4	4					
5 / 40				.7	.3	.7	.7	.1											12	12					
40 / 47			.1	.5	.6	.1	.3	.1											18	18	1				
40 / 45	.5	1.5	1.2	1.7	.3	.7	.1												49	49	18	5			
44 / 42		1.3	1.2	.6	.4	.1													25	25	22	5			
41 / 41	.6	4.2	3.6	2.0	.6	.4													79	79	39	18			
39 / 39		2.3	1.5	.6	.6														36	36	47	27			
37 / 37	1.7	4.2	1.6	1.	.3														61	61	73	42			
37 / 35	1.5	.9	1.6	.6	.4														62	62	74	43			
33 / 33	2.7	5.8	1.6	.7	.7														72	72	79	53			
31 / 31	3.1	5.5	3.1	.1															81	81	99	100			
29 / 29	1.6	6.6	.9	.7															67	67	79	80			
27 / 27	4.2	6.8	1.7																93	93	92	109			
25 / 25	.4	1.3	.4																15	15	39	61			
23 / 23	.9	.6	.1																11	11	20	67			
21 / 21																					7	29			
19 / 19																					1	15			
17 / 17																						12			
15 / 15																						3			
13 / 13																						11			
11 / 11																						5			
9 / 9																						3			
TOTAL	17.6	85.3	21.5	9.4	3.8	2.5	1.4	.3											687	687	687				
																			687		687				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17715 Hohenfels AAF GE

75-84

YEARS

FFR MONTH

PAGE 1

ALL MONTHS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point						
59																			1	1						
57																			1	1						
55																			2	2						
53																			5	5						
51																			5	5						
49																			19	19						
47																			29	29	3					
45																			93	93	25					
43																			87	87	48					
41																			208	208	122					
39																			157	157	107					
37																			179	179	207					
35																			225	225	227					
33																			295	295	335					
31																			304	304	374					
29																			263	263	297					
27																			419	419	394					
25																			140	140	205					
23																			143	143	163					
21																			56	56	74					
19																			60	60	63					
17																			37	37	43					
15																			33	33	34					
13																			40	40	39					
11																			29	29	29					
9																			29	29	27					
7																			8	8	10					
5																			10	10	11					
3																			9	9	6					
1																			4	4	7					
-1																			11	11	10					
-3																			3	3	4					
-5																			4	4	3					
-7																					1					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REPRODUCED BY THE ARMY AIR CORPS

PSYCHROMETRIC SUMMARY

75-44

YF402

FFB

MONTY

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED SEPTEMBER 1975

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOFENFELS AAF GE
STATION STATION NAME

74-83

YEARS

MAP

PAGE 1 0600-0000
HOURS (L. S. T.)

[illegible]

二

YEARS

74-83

MAP

STATION

STATION NAME

PAGE 1

7900-1100
HOMER (L. S. I.)

REVIEW AND VIEWS OF THE FORD AND GALLAGHER

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

74-83

VI. CONCLUSIONS

MAR
MONTH

PAGE 1 1200-1400
HOURS (C. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

Y482

MAR
MAY 1968

PAGE 2 ~~1200-1400~~
~~1800-1900~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	6.5	25.7	22.4	18.6	15.2	6.7	3.4	1.7	.4									827	827	827				

PSYCHROMETRIC SUMMARY

74-83

MAR

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71								.1										1	1					
71 / 69								.3	.1									3	3					
68/ 67								.8										6	6					
56/ 65					.3		.5	.4										9	9					
44/ 63				.4	.6	.6	.8	.6										24	24					
62/ 61				.4	.3	1.0	.4	.4										16	16					
50/ 59			.4	1.8	1.4	.9	.3											37	37	1				
58/ 57			.1	1.3	.6	1.1	.4		.3									31	31	9				
56/ 55			.3	.9	.6	.6												20	20	12	2			
54/ 53		.4	.3	.8	1.9	1.0			.1									34	34	23	1			
52/ 51		.5	.4	2.5	2.4	.6	.1	.1										56	56	37	6			
51/ 49		.6	1.6	1.9	1.8	.5	.3											53	53	46	11			
43/ 47		.4	1.3	1.6	.5	.4	.6											41	41	49	15			
45/ 45	.4	1.8	4.8	4.6	1.9	.1												108	128	72	53			
44/ 43		2.0	2.4	3.4	.6													71	71	73	25			
42/ 41	.3	3.4	3.5	.5	.9	.6												73	73	92	75			
40/ 39	1.4	1.9	3.1	.3	.6	.1												59	59	98	100			
38/ 37	1.3	1.9	2.0	.3	.4													46	46	86	77			
30/ 35	.9	2.1	2.1	.3														43	43	61	77			
34/ 33	1.9	2.4	1.1	.8														49	49	58	83			
32/ 31	.3	.4	.5															9	9	46	83			
30/ 29	.1	.3	.4															6	6	14	56			
28/ 27		.1																	2	9	51			
26/ 25																				5	23			
24/ 23																				5	14			
22/ 21																					10			
21 / 19																						1"		
16/ 17																						8		
16/ 15																						7		
14/ 13																						3		
12/ 11																						5		
10/ 9																						1		
TOTAL	6.0	17.7	24.6	20.4	15.6	7.8	4.5	2.9	.5									796	796	796	796			
Element (X)	ΣX'	ΣX	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature				Total		
Rel. Hum.	3877478	53856	67.7	7.7	134	796												≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 86 F	≤ 92 F	
Dry Bulb	1767185	36841	46.3	8.8	37	796												2.0	1.2					
Wet Bulb	1308236	32802	41.2	6.7	77	796												9.2						
Dew Point	1033279	28059	35.3	7.8	84	796												11.7						

2.

PSYCHROMETRIC SUMMARY

74-83

NAME
DATE

PAGE 1

HOURS (C. S. T.)

[illegible]

21

YKAM

74-83

PLA
MONT

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

157715 MOHENFELS AAF 65
STATION STATION NAME

74-83

YEARS

APR
MONTH

PAGE 1

7600-0800
HOURS (L. S. P.)

[illegible]

PSYCHROMETRIC SUMMARY

YK421

APR
MONTH

PAGE 1 0900-1100
MAY 1961 (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1715 HCHENFELS AAF 6E 74-83 APR MONTH
STATION STATION NAME YEARS

PAGE 1 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
74/ 73																																	2	2		
72/ 71																																	6	6		
71/ 69																																	11	11		
68/ 67																																	20	20		
66/ 65																																	33	33		
64/ 63																																	65	65	2	
62/ 61																																	39	39		
59/ 59																																	54	54	1	1
57/ 57																																	29	29	7	1
56/ 55																																	47	47	16	
54/ 53																																	56	56	35	
52/ 51																																	59	59	73	3
52/ 49																																	53	53	94	13
48/ 47																																	56	56	82	16
46/ 45																																	101	101	88	59
44/ 43																																	52	52	91	51
42/ 41																																	71	71	69	75
41/ 39																																	48	48	96	91
39/ 37																																	34	34	93	94
36/ 35																																	17	17	72	81
34/ 33																																	10	10	33	87
32/ 31																																	4	4	8	84
30/ 29																																			3	68
28/ 27																																				66
26/ 25																																				22
24/ 23																																				26
22/ 21																																				8
20/ 19																																				5
18/ 17																																				2
16/ 15																																				6
14/ 13																																				1
TOTAL	3.2	16.6	11.4	12.7	14.5	12.8	12.2	10.3	3.1	2.2	.3																						861	861	861	
Element (X)	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	
Rel. Hum.	3375985	50973	59.2	80.911	861																									</						

USAFETAC FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-83

APP

PAGE 1 1520-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73								.2	.3		.3							8	8					
72/ 71									.1	.2								3	3					
7 / 69						.1	.1	.5	.3	.7	.7							71	21					
68/ 67						.7	.2	.6	.5	1.3	.1							25	25					
66/ 65					.3	.2	1.	2.0	1.3	.2								44	44					
64/ 63				.1	.2	.9	.7	3.1	1.6	.3								67	67					
62/ 61						1.3	1.6	1.3	.1									36	36					
6 / 59				.5	1.	1.5	2.2	1.9	.2									64	64	9				
56/ 57				.7	.8	.8	.9	.1	.2	.2								32	32	11				
56/ 55				.9	1.0	2.1	1.7	.3	.1									54	54	20				
54/ 53		.5	.6	.7	1.3	1.6	.9	.3										51	57	34	1			
52/ 51		.6	.7	.5	1.5	1.6	.5	.6										53	53	49	6			
5 / 49	.2	.6	.9	.7	1.4	1.2	.8	.3										52	52	97	15			
46/ 47		.9	.5	1.	1.5	.9	.1											48	48	81	11			
46/ 45	.3	1.0	1.0	2.8	1.9	.7												91	91	76	64			
44/ 43		1.4	1.4	2.2	.3	.7												48	48	85	36			
42/ 41	.3	2.9	3.7	1.6	1.3	.1												80	80	77	83			
47/ 39	.1	2.9	1.0	.6														40	40	95	75			
72/ 37	1.0	.8	.7															72	22	106	37			
36/ 35	.5	1.0	.2															15	15	41	95			
34/ 33	.9	.5																12	12	41	92			
32/ 31		.1																1	1		1.8			
7 / 29	.7																	2	2	1	67			
25/ 27																				2	53			
26/ 25																					25			
24/ 23																					29			
22/ 21																					5			
20/ 19																					6			
16/ 15																					5			
TOTAL	3.4	4.3	2.4	2.3	2.7	3.7	1.7	1.3	4.9	3.0	1.2								860		860			

Element (X)	ΣX'	ΣX	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3179672	49242	57.320	976	860	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	246263	44735	32.5	9726	860		3	6.0	.8			90
Wet Bulb	1712085	18005	44.2	6189	860		3					90
Dew Point	1128412	10580	35.6	6688	860		31.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 10HNFELS AAF GF STATION NAME 74-83 YEARS APR MONTH
PAGE 1 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb	Wet Bulb	Dew Point		
44/ 77																																	10	17			
44/ 77																																	9	9			
44/ 43																																	72	32			
44/ 67																																	45	45			
40/ 45																																	83	83			
44/ 43																																	143	143	2		
44/ 61																																	96	96			
44/ 59																																	156	156	5	1	
44/ 57																																	96	96	19	1	
50/ 55																																	154	154	45		
44/ 53																																	174	174	83	7	
42/ 51																																	174	174	274	13	
44/ 49																																	186	186	279	43	
40/ 47																																	177	177	261	67	
40/ 45	1.0	2.0	2.0	2.0	2.0	1.7	.5	.1																								327	327	376	246		
44/ 43	.5	2.0	1.5	1.6	.4	.3																										229	229	325	161		
44/ 41	1.0	3.0	2.5	1.6	.8	.2																										334	334	312	320		
44/ 39	.5	3.0	1.7	.5	.2																											238	238	341	299		
40/ 37	1.0	2.0	1.2	.1	.7																											178	178	377	324		
40/ 35	1.2	3.3	.5	.1	.7																											185	185	288	351		
34/ 33	1.7	2.6	.7																													153	153	285	358		
42/ 31	1.5	1.1	.1																													91	91	151	434		
40/ 29	.7	.8																															51	51	60	268	
28/ 27	1.3	.4																														60	60	63	276		
40/ 25	.7	.1																															12	12	15	102	
40/ 23	.3	.1																															15	15	15	92	
42/ 21																																			2	33	
40/ 19																																	1	1	1	21	
40/ 17																																				11	
40/ 15																																				14	
40/ 13																																				7	
TOTAL	1.9	25.7	14.4	11.5	1.4	9.5	7.1	5.8	2.1	1.3	.4																						3439	3439	3439		
Element (X)	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	2g	
Rel. Hum.	177	3397	235471	68.521	778	3439	10 F	32 F	67 F	73 F	80 F	93 F	Total																								
Dry Bulb	79	5129	161743	46.810	286	3439	48.2	20.1	2.1				72																								
Wet Bulb	6074578	142582	41.5	6.887	3439	64.3							720																								
Dew Point	4856546	121659	35.4	6.672	3439	262.3							720																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1 7715	MOHENFELS AAF 65
STATION	STATION NAME

79-83

YFAS

MAY
2007

PAGE 1 C600-0822
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1715	WOMENFELS AAF GE
STATION	STATION NAME

74-83

YEARS

 MAY
MONTH

PAGE : 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEAR

MAY
MAY 20 1964

PAGE 1 1270-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86 / 85																			1	1				
84 / 83																			3	3				
82 / 81																			7	7				
80 / 79																			15	15				
78 / 77																			27	27				
76 / 75																			31	31				
74 / 73																			33	33				
72 / 71																			46	46				
70 / 69																			40	40				
68 / 67																			33	33				
66 / 65																			66	66	3			
64 / 63																			125	125	A			
62 / 61																			51	51	30			
60 / 59																			82	82	83			
58 / 57																			80	80	100			
56 / 55																			98	98	73			
54 / 53																			53	53	86			
52 / 51																			37	37	115			
50 / 49																			35	35	122			
48 / 47																			28	28	115			
46 / 45																			23	23	76			
44 / 43																			8	8	32			
42 / 41																			12	12	20			
40 / 39																			4	4	10			
38 / 37																			1	1	12			
36 / 35																					1			
34 / 33																					2			
32 / 31																								
30 / 29																								
28 / 27																								
26 / 25																								
24 / 23																								
22 / 21																								
Element (X)	Σ X ²		Σ X		Σ		Σ A		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 22 F		≤ 67 F		≤ 73 F		≤ 88 F		≤ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

1715 MOHENFELS AAF GE
STATION STATION NAME

74-83

YEARS

44

PAGE 2 1200-1400
HOURS (L. P. T.)

[illegible]

20

74-83

MAY

PAGE : 1500-1700

1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

1725 40MENFELS AAF GE
STATION STATION NAME

74-83

YEARS

PAGE 2 ~~1501-1700~~
WORDS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	.7	8.6	8.5	9.4	12.5	14.0	13.4	9.8	1.3	5.2	4.0	1.2	1.1	.3				886	886	886	886			
		</																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17715 STATION NAME HOFENFELS AAF GE YEARS 74-83 DAY MONTH MAY

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
86/ 95													.1	.1				4	4						
84/ 93												.1	.1	.1				7	7						
82/ 91										.1	.2	.3	.1	.1				25	25						
80/ 89								.1	.1	.2	.3	.1	.1					27	27						
78/ 87							.1	.1	.4	.8	.6							69	69						
76/ 85							.2	1.2	.4	.2	.5							73	73						
74/ 83						.2	.7	.9	.3	.2								81	81						
72/ 81					.1	.1	.5	1.1	1.1	.2	.6							106	106						
70/ 69					.2	.3	1.1	.8	.4	.1	.1							100	100						
68/ 67					.2	1.1	.8	.8	.2	.3								122	122		1				
66/ 65					.6	1.6	1.6	.7	.5	.2								186	186		5				
64/ 63				.1	1.0	1.6	2.4	1.9	1.2	1.0	.1							325	325		15				
62/ 61				.3	.7	.9	2.0	.8	.7	.7								194	194		64				
60/ 59		.2	.6	.7	2.5	1.7	1.6	.8	.0									285	285	230	5				
58/ 57		.3	1.1	2.4	1.7	1.3	.5	.1	.0									262	262	270	10				
56/ 55		.7	1.7	2.2	1.2	.9	.4											233	233	292	36				
54/ 53	.2	1.5	1.7	1.7	.8	.5	.2											220	220	291	87				
52/ 51	.3	2.5	1.5	1.3	.7	.3	.1											239	239	461	188				
50/ 49	.6	2.6	2.4	.6	.3	.1	.1											238	238	489	293				
48/ 47	.5	2.1	1.9	.5	.1	.0												163	163	425	374				
46/ 45	1.1	3.4	1.4	.8	.1	.1	.											246	246	364	727				
44/ 43	.8	.9	.7	.3	.0	.1												97	97	229	396				
42/ 41	.8	1.4	.6	.0	.7	.0												99	99	144	467				
40/ 39	.4	.6	.2	.0														53	53	98	26				
38/ 37	.3	.3	.1	.1														27	27	69	205				
36/ 35	.1	.3	.1															18	18	24	133				
34/ 33	.2	.3																18	18	33	106				
32/ 31	.1	.3																8	8	21	151				
30/ 29	.0	.0																2	2	1	65				
28/ 27	.1	.1																8	8	5	33				
26/ 25																					14				
24/ 23																					8				
22/ 21																					3				
20/ 19																					1				
Element (X)	Σ g'		Σ g		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 6 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 86 F		≤ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) AIR WEATHER SERVICE/MAC

21

21

YEAR

1119
MONTH

PAGE 1

0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

74-83

YEAR

PAGE 1

1900-1900
HOURS (L. S. T.)

[illegible]

2.

74-83

YEARS

MONTY H.

USAFETAC
FORM
AF 44
0-26-5 (OL A)
REVISE PREVIOUS EDITIONS OF THIS FORM AND CANCELL

YEARS

74-83



PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOHENFELS AAF 6E

74-93

1112

BY AIR

STATION NAME

YEARS

NAME _____

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A)

SAFETY

PSYCHROMETRIC SUMMARY

7715 WOMENFELS AAF GE
STATION STATION NAME

74-83

YEARS

JUN
MONTH

PAGE 6

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
67 / 99																		2	2																
64 / 93																		2	2																
62 / 91												.5	.5					2	2																
60 / 89												.5	.1		.0			6	6																
58 / 87											.5	.1	.1	.1				14	14																
56 / 85											.1	.3	.3	.1	.2			36	36																
54 / 83												.3	.2	.2				37	37																
52 / 81									.1	.7	.9	.6	.6	.1				115	115																
50 / 79							.2	.5	.7	.9	.3	.0						91	91																
48 / 77						.3	.8	1.3	1.2	1.1	.4							176	176																
46 / 75				.1	.1	.6	1.1	1.4	1.5	.2								166	166																
44 / 73			.1	.1	.9	1.5	.9	.3	.1									130	130																
42 / 71			.1	.4	.9	1.8	.9	.5	.1									162	162																
40 / 69		.1	.4	.8	1.4	1.6	.2	.4	.0									172	172	11															
38 / 67		.1	.4	2.5	1.8	.7	.6	.2										202	202	53															
36 / 65		.4	.6	1.5	1.4	.5	.3	.1										165	165	154	1														
34 / 63	.2	.6	1.4	3.1	2.8	2.5	1.5	.4	.1									395	395	264	19														
32 / 61	.1	1.0	1.6	1.4	1.2	1.5	.6	.1										244	244	380	64														
30 / 59	.3	2.2	1.6	1.7	1.4	.9	.5	.1										299	299	468	168														
28 / 57	.2	1.8	1.7	1.4	.5	.5	.1	.1										215	215	438	232														
26 / 55	.3	1.9	1.6	1.4	.5	.2	.											277	207	334	328														
24 / 53	.6	1.9	1.6	.6	.0	.1												192	192	352	381														
22 / 51	.4	2.7	1.1	.7	.1	.1												152	152	326	425														
20 / 49	.5	1.9	1.1	.4														141	141	280	461														
18 / 47	.1	.7	.8	.1	.													61	61	177	357														
16 / 45	.2	1.1	.1															49	49	147	418														
14 / 43	.2	.5	.1															25	25	63	187														
12 / 41	.4	.1	.															17	17	23	239														
4 / 39		.1																2	2	5	115														
28 / 37	.	.	.															2	2	3	54														
30 / 35	.	.																1	1		17														
34 / 33																				2	5														
32 / 31																					7														
1 / 29																					5														
Element (H)	Σ _g ¹			Σ _g			I			C _g			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

AD A147 167 Hohenfels AAF Germany Limited Surface Observations
Climatic Summary (LISOC5)(U) Air Force Environmental
Technical Applications Center Scott A. Aug 84
UNCLASSIFIED USAFETAC/DS RA/025 SR1 AD-E850 753 F/G 4/2

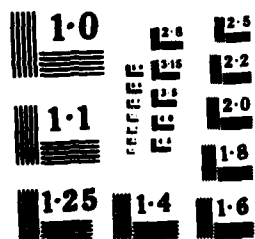
HOHENFELS AAF GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (11S0C51(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. AUG 84
USAFETAC/DS 84/025 SRI AD-E850 753 F/G 4/2

3/3

F/G 4/2

Ni

END
ALL
31 JUL
12 02



PSYCHROMETRIC SUMMARY

74-83

STATION

STATION NAME

YEARS

— 222 —

PAGE 2

NOV 21
NOV 21 (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
DRY DB																					5			
TOTAL	3.4	15.7	13.2	2.5	12.2	2.7	10.3	6.8	5.7	3.6	2.0	1.4	.7	.3	.1		.1		3487	3480	3480			

PSYCHROMETRIC SUMMARY

1-7715
STATION

HCHENFELS AAF GE

74-83

YEARS

NOTES

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

2

2.

74-03

YEARS



USAFETAC FORM 0-26-3 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HCHENFELS AAF 66

74-83

YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
67/ 99																		2	2					
98/ 97																		1	1					
92/ 91																		5	5					
9 / 89																		9	9					
88/ 87																		13	13					
96/ 85																		15	15					
94/ 83																		21	21					
32/ 91																		77	77					
8 / 79																		55	55					
78/ 77																		63	63					
76/ 75																		60	60					
74/ 73																		41	41					
72/ 71																		41	41	3				
7 / 69																		50	50	22				
68/ 67																		71	71	52				
66/ 65																		64	64	91	5			
64/ 63																		90	90	122	20			
62/ 61																		54	54	113	34			
60/ 59																		59	60	133	80			
58/ 57																		39	39	112	102			
56/ 55																		15	15	80	85			
54/ 53																		19	19	79	122			
52/ 51																		6	6	64	87			
5 / 49																				17	124			
48/ 47																				1	96			
46/ 45																					70			
44/ 43																					42			
42/ 41																					26			
40/ 39																					3			
38/ 37																					3			
36/ 35																					5			
34/ 33																					3			
32/ 31																					3			
Element (X)	Σ ₁		Σ ₂		Σ		°		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 6 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVERSED SIDE OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

74-83

YEARS

MENTY

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOFENFELS AAF 6E 74-83 JUL 1500-1700
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
12/101																		.1	1	1					
10/ 99																		.2	2	2					
08/ 93															.2	.5			6	6					
02/ 91												.4	.2	.4	.5				12	12					
01/ 89												.6	.8			.1			13	13					
48/ 87										1.2	.5	.4			.2				19	19					
36/ 85									.4	.7	.5	.1	.7						20	20					
84/ 83								.1	.6	1.5	.6	.7	.4	.2					35	35					
80/ 81						.5	1.2	2.9	2.5	.9	.6	.4							76	76					
91/ 79						.2	.4	2.1	1.9	.9	.1	.2	.1						51	51					
70/ 77						.9	1.2	2.8	1.5	2.1	.2								74	74					
76/ 75				.1		.8	1.3	1.2	1.9	.4									44	44					
74/ 73				.1	.2	.7	1.5	1.3	.7										39	39					
72/ 71				.4	.6	1.6	1.3	2.0	.9			.1							59	59					
71/ 69			.3		.9	2.2	1.3	.9	.1	.2									56	56	23				
68/ 67	.1		.2	.1	1.5	1.5	.8	1.1											46	46	59				
66/ 65			.4	.4	1.9	1.4	1.1	.1											44	44	95				
64/ 63	.1	.9	.9	1.9	1.6	2.9	1.3												83	83	117				
62/ 61		1.1	2.1	.6	1.1	1.3	.4												54	54	108				
60/ 59	.5	2.0	.9	1.1	.4	.5	.1												46	46	136				
58/ 57		1.8	.6	1.1															29	29	99				
56/ 55	.2	1.3	.7																19	19	86				
54/ 53	.5	1.3	.1																16	16	61				
52/ 51		1.1																	9	9	59				
50/ 49	.2																		2	2	12				
48/ 47																									
46/ 45																									
44/ 43																									
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
Element (X)	Σ R ¹		Σ R		Σ		Σ ₂		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-20-5 (OL A) 1-74 REVISOR AIR WEATHER SERVICE OF THE FIVE AIR COMBATS

PSYCHROMETRIC SUMMARY

74-83

YEAR

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7735 MOHNFELS AAF GE 74-83 YEARS MONTH ALL

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point						
2/ 104																		1	1							
6/ 99																		1	1							
8/ 97																		1	1							
94/ 93																		1	1							
97/ 91																		1	1							
2/ 89																		1	1							
48/ 87																		1	1							
16/ 85																		1	1							
94/ 83																		1	1							
1/ 81																		1	1							
0/ 79																		1	1							
78/ 77																		1	1							
76/ 75																		1	1							
74/ 73																		1	1							
72/ 71																		1	1							
72/ 69																		1	1							
68/ 67																		1	1							
66/ 65																		1	1							
64/ 63																		1	1							
62/ 61																		1	1							
60/ 59																		1	1							
58/ 57																		1	1							
56/ 55																		1	1							
54/ 53																		1	1							
52/ 51																		1	1							
50/ 49																		1	1							
48/ 47																		1	1							
46/ 45																		1	1							
44/ 43																		1	1							
42/ 41																		1	1							
40/ 39																		1	1							
38/ 37																		1	1							
36/ 35																		1	1							
34/ 33																		1	1							
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17715	HOMENFELS AAF GE
STATION	STATION NAME

74-83

YEARS

PAGE 2

ALL
HOURS (L.

[illegible]

2

10

74-83

YEARS

ALL
MONTH

2670-080
MOORE (S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

1-1715 HOHENFELS AAF GE
STATION STATION NAME

74-83

YEARS

ALL
MONTH

PAGE 1

1975-1976
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

**ALL
MOUNTAIN**

PAGE 1200-100
HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
1 / 7												.2						1	2						
2 / 8												.1						2	3						
3 / 9												.2	.3					4	4						
4 / 10												.2	.2	.2				5	6						
5 / 11												.2	.7	.2				11	11						
6 / 12							.2	.7	1.1	1.8	2.0	.3						55	55						
7 / 13							1.1	.7	1.8	2.9	.9							66	66						
8 / 14							1.2	1.0	1.1	1.2	.9	.2	.1					74	74						
9 / 15							2.2	2.3	1.4	1.0	.1							67	67						
10 / 16					.6	.6	1.4	2.2	2.0	.6	.1							67	67	2					
11 / 17					.4	1.9	2.0	4.2	1.7	.6								97	97	4					
12 / 18				.7	.4	1.7	3.1	2.1										69	69	26					
13 / 19				.4	.7	3.7	1.7	.9	.4	.1	.1							74	74	43					
14 / 20				.7	.3	2.3	1.7	.9	.2	.1								56	56	109					
15 / 21			.2	2.8	2.6	2.5	.4											103	103	135					
16 / 22		.7	.7	1.7	.4	1.1	.3											44	44	119					
17 / 23	.1	1.3	2.7	.6	.6	.7	.2											47	47	162					
18 / 24		.8	.7	.7	.2	.1												22	22	107					
19 / 25	.1	1.3	.6	.2														21	21	77					
20 / 26	.1	.7	.3	.1														11	11	57					
21 / 27	.1	.1																3	3	46					
22 / 28		.1																1	1	11					
23 / 29																				5					
24 / 30																				62					
25 / 31																				12					
26 / 32																				19					
27 / 33																				5					
28 / 34																				5					
29 / 35																				7					
TOTAL	.6	5.2	8.0	10.0	13.3	14.6	16.9	11.8	8.9	5.2	1.1	.4						903	903	903					

Element (K)	Σ _g ¹	Σ _g	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3225771	52679	57.7	14.972	903	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F
Dry Bulb	4989782	63294	72.1	7.688	903			61.3	36.6	10.1	
Wet Bulb	3303513	54449	65.3	4.750	903			7.7	.2		
Dew Point	2618767	46383	53.6	5.413	903						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOFENFELS AAF GE

74-83

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1760
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL				Dry Bulb	Wet Bulb	Dew Point	
91/ 91																					3	3			
90/ 89																					5	5			
88/ 87																					4	4			
86/ 85																					6	6			
84/ 83																					17	17			
82/ 81																					88	88			
80/ 79																					57	57			
78/ 77																					71	71			
76/ 75																					66	66	1		
74/ 73																					85	85	2		
72/ 71																					74	74	4		
70/ 69																					62	62	20	1	
68/ 67																					60	60	52	4	
66/ 65																					97	97	101		
64/ 63																					90	90	149	31	
62/ 61																					30	30	110	49	
60/ 59																					49	49	145	80	
58/ 57																					21	21	100	97	
56/ 55																					24	24	82	109	
54/ 53																					14	14	51	149	
52/ 51																					2	2	40	89	
50/ 49																							14	96	
48/ 47																							4	62	
46/ 45																								55	
44/ 43																								26	
42/ 41																								9	
40/ 39																								12	
38/ 37																								5	
36/ 35																								1	
TOTAL	.5	7.3	6.9	5.8	7.7	18.9	15.5	2.1	2.0	6.5	3.0	.6	.2								875	875	875		
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.	2962631		48973		56.0		15.925		875		0 F		32 F		67 F		73 F		80 F		93 F		Total		
Dry Bulb	4449193		61989		70.8		8.119		875						63.6		42.7		14.6				93		
Wet Bulb	3213328		52860		60.4		4.781		875						8.4		.3						93		
Dew Point	2511936		46682		53.3		5.420		875						.8								93		

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HONENFELS AAF 6E

74-81

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
94/ 91												.1						5	5						
9 / 89									.1	.2	.1	.1	.0					8	8						
98/ 87									.1	.1	.1	.0						9	9						
90/ 85									.1	.1	.1		.0					13	13						
94/ 83								.1	.3	.3	.3							31	31						
92/ 81						.1	.4	.8	1.3	1.3	.2							143	143						
8 / 79					.4	.5	.7	1.4	.7									132	132						
74/ 77					.1	.1	.9	1.8	.9	.4	.2	.2						185	185						
76/ 75				.0	.2	1.6	1.3	.8	.8	.0	.1							172	172	1					
78/ 73		.0	.0	.4	.3	1.5	1.9	1.2	.3	.1								209	209	8					
72/ 71				.2	1.3	1.8	1.9	.8	.3	.1								228	228	8					
7 / 69			.5	.7	1.4	2.7	1.2	.1	.1									212	212	50	1				
64/ 67		.7	.6	.7	2.9	1.5	.6	.3	.0	.7								234	234	124	5				
66/ 65		.1	1.0	.6	2.2	1.2	.4	.7	.1									202	202	271	9				
64/ 63	.3	1.7	2.7	3.3	1.8	1.7	.6	.1										433	433	423	122				
62/ 61	.3	1.9	1.4	1.4	.4	.6	.2	.1										222	222	490	179				
6 / 59	.6	3.2	2.3	1.4	.8	.2	.1											307	307	535	378				
58/ 57	.5	2.2	1.5	.5	.2	.1												184	184	450	404				
56/ 55	1.0	3.3	1.3	.4	.1													217	217	353	459				
54/ 53	.8	2.5	1.1	.1														157	157	343	503				
52/ 51	1.0	1.1	.2	.1														95	85	271	440				
5 / 49	.6	1.1	.1															66	66	128	382				
48/ 47	.2	.5	.0															27	27	62	242				
46/ 45	.5	.8	.1															50	50	44	242				
44/ 43	.2	.2																14	14	27	79				
42/ 41	.1	.1																8	8	12	61				
4 / 39		.1																3	3	2	23				
38/ 37	.1	.1																9	9	5	19				
36/ 35		.0																1	1	2	5				
34/ 33																					1	2			
32/ 31																						1			
TOTAL	6.2	29.0	12.7	10.0	11.7	13.5	10.3	6.7	5.6	3.1	1.0	.3	.1					3556		3556		3556			
Element (X)	Z ₁	Z ₂	X	O ₂	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	17529396	290552	67.6	8.803	3584	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total													
Dry Bulb	15864780	232904	68.5	9.346	3584			329.7	188.7	50.8		744													
Wet Bulb	12201001	207389	68.3	9.589	3584			39.1	1.0			744													
Dew Point	10215816	189682	81.1	8.323	3584		.2	1.3				744													

FORM 0-26-5 (OL A) REVISED MAY 1964

USAFETAC

PSYCHROMETRIC SUMMARY

17715 HCHENFELS AAF GE
STATION STATION

74-83

SEP

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MAY 11 1961

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65					.1													1	1					
64/ 63		.9	.2	.4														12	12	4	3			
62/ 61	.2	.6	.9	.1														15	15	6	3			
6 / 59	1.6	3.5	1.3	.2	.1													56	56	23	18			
54/ 57	1.8	3.9	.9	.1														55	55	53	40			
56/ 55	2.8	4.5	1.7	.4														77	77	65	52			
54/ 53	2.7	5.1	.9	.1														72	72	84	78			
52/ 51	3.9	4.3	.9	.1														75	75	88	69			
5 / 49	3.9	5.7	1.3	.1														85	85	89	82			
48/ 47	4.7	4.4	.9	.1	.1													78	78	79	91			
46/ 45	10.7	6.1	.5															142	142	143	173			
44/ 43	3.5	2.1																46	46	64	63			
42/ 41	4.6	1.3																49	49	57	68			
4 / 39	1.8	.2																17	17	23	29			
38/ 37	1.6	.1																14	14	15	18			
36/ 35	1.5	.4																15	15	14	18			
34/ 33	.4	.1																4	4	6	5			
32/ 31	.4	.1																4	4	4	6			
30/ 29	.4																	3	3	3	3			
28/ 27																					1			
TOTAL	45.94	2.7	9.4	1.7	.4													620	820	820	920			

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 7715 HONENFELS AAF 6E

79-83

YEARS

SEP
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																					
77/ 77						.1	.2											3	3																							
76/ 75					.1	.5	.2		.1									8	8																							
74/ 73						.9	.1											9	9																							
72/ 71				.3	.7	1.1	.6	.1	.1									26	26																							
71/ 69			.2	.3	1.1	.9	.2											24	24																							
69/ 67			.1	.9	1.8	.6	.2	.1										33	33	3																						
66/ 65		.1	.9	.5	2.2	.9	.2											42	42	13																						
64/ 63	.3	1.1	2.4	.7	3.1	2.3	.5											125	125	35	10																					
62/ 61	.1	2.1	2.3	2.3	1.4	.7												73	73	57	15																					
62/ 59	.6	2.6	3.7	2.4	1.7	.6												101	101	78	57																					
58/ 57	.9	3.7	2.6	4.1	.8	.3												103	103	117	72																					
56/ 55	.8	2.7	2.6	2.2	.7													79	79	117	75																					
54/ 53	.7	3.0	3.9	1.4	.6	.2												85	85	100	118																					
52/ 51	.8	1.6	2.2	.2	.1	.1												44	44	119	77																					
50/ 49	.8	2.3	2.2	.5	.3													53	53	85	93																					
48/ 47	.6	1.1	.8	.3														25	25	68	102																					
46/ 45	.2	2.3	.6															27	27	36	127																					
44/ 43	.7	.6																10	10	37	52																					
42/ 41	.2	.2																4	4	7	44																					
41/ 39	.1	.1																2	2	3	16																					
38/ 37																				1	10																					
36/ 35																					4																					
34/ 33																					3																					
32/ 31																					1																					
TOTAL	6.8	22.7	24.4	20.1	14.4	8.8	2.3	.2	.2									876	876	876	876																					

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

17715 MOHENFELS AAF 65
STATION STATION

74-83

SE

PAGE 1 1200-1000
MM01 (1-1-1)

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PSYCHROMETRIC SUMMARY

!-7715	WOMENFELS AAF GE
STATION	STATION NAME

74-83

72421

~~SECRET~~

PAGE 1 ~~1500-1750~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
94/ 93									.2									2	?						
92/ 91									.7	.2	.1	.1						16	16						
90/ 79								.6	1.2	.2								18	18						
79/ 77							.4	1.7	1.1	.6	.6							36	36						
76/ 75								1.7	1.9	1.2	.7	.4						49	49						
74/ 73					.2	.4		1.7	1.7	1.1	.2							48	48						
72/ 71					.2	1.1		1.1	2.3	1.9	.5							59	59						
75/ 69					.1	1.0		1.8	2.4	1.0								52	52						
68/ 67				.4	.5	1.6		2.9	1.6	.6								62	62	15					
66/ 65		.2	.1	.6	2.2	1.7	.7		.4									49	49	53					
64/ 63		.7	1.4	3.4	2.4	2.4	1.8	.5										111	111	74	9				
62/ 61		.7	.8	2.3	1.1	2.7	.6											68	68	73	19				
60/ 59		.6	2.1	1.4	3.4	1.3	.5											77	77	122	64				
58/ 57		1.2	.3	2.3	1.0	.6												49	49	92	65				
56/ 55		1.0	.5	2.3	1.0	.4												44	44	97	68				
54/ 53		.2	.5	.5	.4	.1												17	17	72	82				
52/ 51		1.1	.5	.6	.4													23	23	82	90				
50/ 49		1.0	.5	.1	.4													16	16	63	85				
48/ 47		.8	.5															11	11	34	69				
46/ 45		1.1	.8															16	16	27	122				
44/ 43		.6	.1															6	6	18	61				
42/ 41																				5	47				
40/ 39																				1	29				
38/ 37																					13				
36/ 35																					11				
34/ 33																					2				
TOTAL	.2	9.3	9.4	4.9	16.5	19.2	15.2	8.7	4.6	1.4	.1	.1						829	829	829	829				

Element (X)	Σx ¹	Σx	Σx ²	Σx ³	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3272738	53628	61.1	8.778	829	0 F	32 F	67 F	73 F	80 F	93 F	
Dry Bulb	3519153	53557	69.6	8.951	829			17.1	18.1	2.1		90
Wet Bulb	2660191	46709	56.3	5.906	829			1.7				90
Dew Point	2111516	61516	80.1	6.286	829							90

PSYCHROMETRIC SUMMARY

17715	HOHENFELS AAF GE
STATION	STATION NAME

74-83

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

1-7715
STATION

HOHENFELS AAF GE

STATION NAME

74-83

YEARS

ACE
MONTH

PAGE 1

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1948 (1-2-1)

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JSAFETAC
FORMS
SA. 44
0-26-5 (OL A)
SERVED NUMEROUS PORTERS OF THIS FORM ARE OBLIVIOUS

PSYCHROMETRIC SUMMARY

1 7715 HOMENFELS AAF GE
STATION STATION

74-83

OCI
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71							.1											1	1						
68/ 67					.2													2	2						
66/ 65				.1	.2													3	3						
64/ 63			.1	.5	.4	.2												10	17						
62/ 61		.1	.6	.2	.1													9	9	3					
60/ 59		.6	.7	.6	.6													21	21	4					
58/ 57		1.0	.4	1.3	.2	.1												27	27	17	4				
56/ 55	.6	1.6	1.3	1.2	.4													42	42	24	17				
54/ 53	1.0	1.0	2.2	1.1	.2													45	45	34	32				
52/ 51	1.4	3.1	2.2	.6	.2													63	63	54	27				
50/ 49	.8	2.9	1.8	.6		.1												52	52	65	37				
48/ 47	1.7	3.3	3.4	.7														75	75	79	55				
46/ 45	5.9	8.9	4.0	1.4	.2													169	169	117	161				
44/ 43	2.4	4.7	1.7	.4														76	76	125	70				
42/ 41	3.1	9.2	1.1	.2		.1												114	114	94	126				
40/ 39	2.2	2.5	.6	.1	.1													46	46	92	94				
38/ 37	2.3	1.9	.2		.1													38	38	52	90				
36/ 35	1.2	.9	.4															20	20	35	51				
34/ 33	.8	.6		.1														13	13	17	24				
32/ 31	.1	.1																2	2	10	15				
30/ 29	.2																	2	2	3	10				
28/ 27																				1	12				
26/ 25																					1				
22/ 21																					1				
18/ 17																					2				
14/ 13																					1				
TOTAL	23.6	2.4	2.9	9.3	3.1	.6	.1											830	830	830	830				
																						830		830	830
</																									

PSYCHROMETRIC SUMMARY

7715 HOFENFELS AAF GE
STATION STATION NAME

74-83

YEAR

~~OCI~~

PAGE 1 1200-1400
MAY 11 1961

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 MOHNFELS AAF GE 74-03 OCT 1500-1700
STATION MONTH YEARS HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73							.6											3	7						
77/ 71						.7	.6	.1										4	8						
77/ 69				.4	.5		.4											10	10						
66/ 67					1.1	.7												10	10						
66/ 65			.3	.5	.7	.7												17	17						
66/ 63			.1	2.0	1.5	1.3	.7											42	42	3					
62/ 61		.7	.9	.8	.3	.1												18	18	17					
67/ 59		.7	2.0	.9	1.5	.3	.3											39	39	18	4				
57/ 57		.9	1.1	2.1	1.3	.8												47	47	28	12				
57/ 55		1.3	2.4	2.4	.9	.3	.1											56	56	45	23				
54/ 53	.5	1.3	2.0	2.1	.7	.4												53	53	45	27				
52/ 51	.1	.9	1.9	2.7	.5	.1	.1											58	58	62	45				
50/ 49	.9	2.4	1.9	1.3	1.1	.1												73	73	64	45				
48/ 47		2.7	4.5	1.2	.8													65	69	81	35				
44/ 45	1.7	6.8	4.7	1.7	.4	.7												117	117	115	128				
44/ 43	1.2	3.1	1.6	1.3														54	54	100	79				
42/ 41	2.0	4.4	1.2	.1														58	58	81	135				
47/ 39	.1	1.3	.3															13	13	44	64				
36/ 37	.4	1.3																13	13	26	62				
36/ 35	.1	.7																6	6	16	30				
34/ 33																				5	33				
32/ 31																					17				
37/ 29																					7				
26/ 27																					2				
27/ 21																					.				
27/ 19																					1				
TOTAL	7.22	27.52	6.41	9.61	1.2	5.1	2.4	.1										750	750	750	750				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17715 HOMERFELS AAF GE

79-83

YEARS

OCT

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point						
76/ 75																						1				
74/ 73																						6				
72/ 71																						13				
70/ 69																						17				
68/ 67																						24				
66/ 65																						28				
64/ 63																						93				
62/ 61																						59				
60/ 59																						91				
58/ 57																						121				
56/ 55																						184				
54/ 53																						179				
52/ 51																						189				
50/ 49																						264				
48/ 47																						272				
46/ 45																						511				
44/ 43																						300				
42/ 41																						329				
40/ 39																						157				
38/ 37																						120				
36/ 35																						83				
34/ 33																						56				
32/ 31																						28				
30/ 29																						26				
28/ 27																						24				
26/ 25																						2				
24/ 23																						4				
22/ 21																										
20/ 19																										
18/ 17																										
16/ 15																										
14/ 13																										
TOTAL	24.7	34.5	18.6	12.3	6.2	2.9	1.4	.2														3181	3181	3181		
Element (K)	Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K		Σ K	
Rel. Hum.	22560989		263803		82.9		9.662		3181		10 F		12 F		14 F		16 F		18 F		20 F		22 F		24 F	
Dry Bulb	742760		151460		47.6		8.241		3181				19.6		14.3		1.6								744	
Wet Bulb	654723		142783		44.9		6.649		3181				23.2												744	
Dew Point	580444		134299		42.2		6.507		3181				28.2												744	

FORM 0-26-5 (OL A) REVISED SEPTEMBER 1968 OF THE U.S. AIR FORCE

USAFETAC

2

1

74-83

NOV

STATION

STATION NAME

YEAR

MOVIE

PAGE 1

2620-0800
HOURS (L.S.T.)

USAFETAC
FOIbbs
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1716 HOMENFEL AAF GL
STATION STATION NAME

74-83

YEAR

~~NO~~
MONT

PAGE 1 2900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
57																		4	4																
55																		7	7																
53																				2															
51		1.		.9	.3													16	16	4															
49		.1		.7	1.2	.3												17	17	15	5														
47		.1	1.4	1.		.3												22	22	18	13														
45	1.0	3.8	1.2															46	46	42	34														
43	2.	2.6	.7															42	42	34	44														
41	5.7	8.6	1.3															120	120	88	78														
39	3.	7.0	.4			.1												81	81	76	67														
37	4.4	3.3	.4															62	62	97	81														
35	2.6	8.2	1.		.1													92	92	72	80														
33	4.8	6.6	.5															92	92	107	90														
31	5.2	4.3	.1															74	74	104	94														
29	2.5	1.7	.1															33	33	36	74														
27	2.3	1.3	.3															30	30	19	43														
25	.1	.1																2	2	13	13														
23	.8	.3	.1															9	9	8	10														
21	1.																	8	8	10	12														
19		.3																2	2	1	9														
17	.3																	2	2	4	3														
15	.4																	3	3	3	5														
13	.3																	2	2	2	3														
11	.1																	1	1	1	1														
9	.1																	1	1	1	1														
7																					1														
TOTAL	36.95	1.1	5.0	1.4	.5													769	769	769	769														

Element (X)	ΣR	ΣS	Σ	Σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6380822	69688	90.6	9.241	769	= 0 F	= 32 F	= 67 F	= 72 F	= 80 F	= 92 F	Total
Dry Bulb	1121924	28884	37.6	6.944	769		19.5					90
Wet Bulb	1050940	27994	36.4	6.442	769		23.9					90
Dew Point	972695	26879	35.0	6.579	769		32.0					90

PSYCHROMETRIC SUMMARY

1 1715	HOHENFELS AAF GE
STATION	STATION NAME

74-83

YEARS

421
MONTANA

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
57/ 51				.3														2	2						
56/ 50			.1	.1	.4													6	6						
56/ 50			.1	.7														6	6						
55/ 50			.1	1.1	.3													11	11	4					
54/ 53		.7	1.4	1.1	.6													26	26	2					
52/ 51		1.1	1.4	1.3														26	26	16	2				
5 / 49	.1	1.5	1.3	1.1														29	29	29	10				
48/ 47	.1	1.9	1.9	2.1														43	43	31	12				
46/ 45	.4	5.7	4.2	1.3	.1													79	79	64	64				
44/ 43	.7	3.9	2.6															52	52	65	43				
42/ 41	2.9	7.6	2.6	.1	.1													97	97	89	78				
4 / 39	.7	4.9	2.9	.1	.3													64	64	81	64				
36/ 37	2.8	5.3	1.5	.4														72	72	74	87				
36/ 35	2.4	4.7	1.3															60	60	86	92				
34/ 33	2.4	6.1	.1															62	62	76	72				
32/ 31	2.2	3.3	.6															44	44	76	64				
3 / 29	.6	1.5	.3															17	17	14	57				
24/ 27	.6	.8																16	10	16	35				
26/ 25	.4																	3	3	6	19				
24/ 23	.8	.4																9	9	8	17				
22/ 21	.1																	2	2	1	2				
2 / 19																				2	6				
15/ 17																					1				
16/ 15																					2				
TOTAL	17.149.0	22.5	9.6	1.8														720	720	720	720				

Element (X)	ΣX'	ΣX	X	°s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	51946.7	64589	64589	1.309	720	< 6 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Dry Bulb	1245146	29480	29480	7.280	720		17.6					90
Wet Bulb	1113856	27946	38.8	6.369	720		15.4					90
Dew Point	977579	26128	36.3	6.396	720		25.4					90

PSYCHROMETRIC SUMMARY

74-83

YEAR

NOV

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point				
62/ 61					.1		.1											2	2					
67/ 59					.1	.4												4	4					
67/ 57			.4		.1													6	6					
56/ 55			.1	.3	.3													6	6	1				
64/ 53		.3	1.6	.7	.3													20	20	4				
52/ 51	.1	1.2	.6	.6	.1													18	18	17				
51/ 49		1.3	1.6	.6														24	24	21				
45/ 47	.1	.7	1.7	1.6														29	29	28				
47/ 45	1.1	5.5	3.2	.6														73	73	40				
48/ 43	.6	3.6	2.3	.1														46	46	47				
47/ 41	4.2	9.8	1.7															109	109	92				
41/ 35	1.4	5.9	1.9		.3													63	63	68				
37/ 37	2.9	4.2	.6															53	53	74				
37/ 35	3.3	5.2	.9															65	65	67				
34/ 33	4.1	6.3	1.2															80	80	78				
32/ 31	1.7	3.0	.1															39	39	74				
31/ 29	.6	1.9	.3															21	21	21				
30/ 27	1.2	1.9	.1															23	23	23				
27/ 25	.7	.1																6	6	11				
24/ 23	.4	.3																5	5	5				
22/ 21	.7	.1																3	3	2				
21/ 19	.3																	2	2	3				
27/ 17	.1																	1	1	1				
16/ 15																								
14/ 13																								
TOTAL	23.4	51.7	18.2	5.1	1.6	.1												693	693	693				

Element (X)	ΣH^1	ΣH	Σ	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5260455	59929	26.5	10.633	693	= 6 F	= 32 F	= 67 F	= 73 F	= 88 F	= 93 F	
Dry Bulb	1139081	27643	39.9	7.296	693		12.3					90
Wet Bulb	1835823	26417	38.1	6.953	693		18.2					90
Dew Point	928829	26941	36.0	6.388	693		26.8					90

PSYCHROMETRIC SUMMARY

74-83

NOV

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point							
67/ 61				.1														4	4								
61/ 59			.1	.1	.2													10	10								
58/ 57			.2	.3	.4													16	16								
55/ 55		.1	.2	.4	.2													28	28	5							
54/ 53		.3	.3	.4	.2													49	49	11							
52/ 51		.6	.7	.5	.0													64	64	40	9						
51/ 48	.1	1.2	1.1	.5														83	83	75	25						
41/ 47	.3	1.2	1.2	1.2														108	108	87	56						
46/ 45	1.7	4.5	2.2	.4	.0													239	239	165	160						
44/ 43	.9	2.7	1.4	.0														148	148	207	148						
42/ 41	4.5	7.3	1.4	.0	.0													390	390	315	291						
41/ 39	2.8	5.7	1.2	.0	.2													288	288	272	260						
38/ 37	3.9	3.7	.6	.1														245	245	321	300						
36/ 35	3.6	5.7	.9	.0														303	303	302	351						
34/ 33	4.8	6.1	.4															333	333	367	305						
32/ 31	4.3	3.7	.2															240	240	364	324						
31/ 29	2.4	2.0	.2															135	135	132	276						
24/ 27	3.0	1.4	.1															132	132	126	197						
26/ 25	.7	.1																25	25	47	72						
24/ 23	.9	.3	.0															36	36	33	54						
22/ 21	.5	.1																19	19	22	29						
21/ 19	.1	.1																6	6	7	30						
18/ 17	.4	.0																12	12	15	14						
16/ 15	.0																	3	3	3	10						
14/ 13	.1																	2	2	2	6						
12/ 11	.2																	6	6	6	6						
11/ 9	.3																	10	10	10	9						
8/ 7	.0																	1	1	1	2						
6/ 5	.1																	3	3	3	4						
TOTAL	35.2	27.7	12.8	4.0	1.0	.0												2938		2938	2938						
																		2938		2938							

Element (X)	Z _g	Z _x	Z	C _a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	23685757	262013	89.2	10.426	2938	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4454750	112160	38.2	7.674	2938		159.9					720
Wet Bulb	4116236	108082	36.8	6.908	2938		180.9					720
Dew Point	3752808	103086	35.1	6.793	2938		253.2					720

PSYCHROMETRIC SUMMARY

74-83

DEC

PAGE 1 0600-0800
0900 (C. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 HOFENFELS AAF GF 74-83 DFC
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
52/ 51			.1	.1		.1												4	4						
57/ 49	.3	.4	.3															10	10	2	2				
48/ 47	.5	1.1	.4	.1														16	16	15	4				
46/ 45	.5	2.9	.3															28	28	20	14				
44/ 43	.3	.5	.5	.1														15	15	27	24				
42/ 41	.9	2.5	.7															30	30	18	22				
40/ 39	1.3	1.3	.9															27	27	25	22				
38/ 37	3.1	2.8	.1															45	45	39	32				
36/ 35	3.1	5.1																61	61	64	38				
34/ 33	5.6	6.9	.1															95	95	91	67				
32/ 31	6.5	5.2	.3															90	90	114	117				
30/ 29	4.9	4.0																67	67	72	95				
28/ 27	8.0	1.2																69	69	67	89				
26/ 25	3.9	2.0																44	44	34	38				
24/ 23	4.8	1.6																48	48	51	48				
22/ 21	1.7	.3																15	15	23	27				
20/ 19	1.3	.3																12	12	12	16				
18/ 17	1.9	.4																17	17	18	17				
16/ 15	1.7	.8																19	19	20	25				
14/ 13	.8	.1																7	7	6	10				
12/ 11	1.9	.1																15	15	16	12				
10/ 9	.9																	7	7	7	15				
8/ 7	.4																	3	3	3	5				
6/ 5	.1																	1	1	1	3				
4/ 3	.1	.1																2	2	1	1				
2/ 1	.1																	1	1	2					
0/ -1																					1				
-2/ -3	.1																	1	1	1	1				
-4/ -5	.1																	1	1	1	1				
-12/-13																					1				
TOTAL	55.5	7.1	3.9	.4		.1												750	750	750	750				
																						750		750	
Element (X)	X ₁	X ₂	X ₃	X ₄	No. Obs.	Mean No. of Hours with Temperature								Total											
Rel. Hum.	6517687	69663	92.9	7.931	750	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F														
Dry Bulb	783743	23289	31.1	8.993	750	.2	52.0																		
Wet Bulb	745897	22763	30.4	8.571	750	.2	55.7																		
Dew Point	694216	21860	29.1	8.729	750	.5	64.7																		

USAFETAC FORM 0-26-5 (OL A) 10-64

PSYCHROMETRIC SUMMARY

YEAR

DEC
MONTH

PAGE 1 1200-1900
NOV 9 (L. S. T.)

[illegible]

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1

74-83

DEC

STATION

STATION NAME

YEARS

NOTES

PAGE 1

1500-1700
HOURS (L. S. T.)

JSAFETAC
FOIbbs
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITION OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 7715 HOHENFELS AAF GE 74-83 YEARS DEC
STATION STATION NAME MONTH
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
55/ 57				.1														2	2									
50/ 55				.1	.1													3	3									
54/ 53			.1	.1		.1												8	8									
52/ 51		.2	.2	.1	.1	.1												19	19	3								
51/ 49	.2	.5	.3	.2	.1													38	38	15	5							
48/ 47	.4	1.2	.2	.3														60	60	48	22							
47/ 45	.4	2.8	.2	.1														104	104	83	61							
44/ 43	1.0	.9	.6	.0														74	74	102	99							
42/ 41	.9	2.8	.7															125	125	85	86							
41/ 39	1.4	2.3	1.1															134	134	118	99							
38/ 37	3.3	3.1	.2															187	187	176	139							
36/ 35	3.2	5.5	.6															263	263	253	192							
34/ 33	4.6	6.1	.2															308	308	316	242							
32/ 31	6.6	4.9	.4															339	339	440	394							
31/ 29	5.6	3.7	.1															269	269	276	369							
30/ 27	7.5	2.9	.1															302	302	278	352							
29/ 25	3.3	1.2	.1															134	134	143	162							
28/ 23	3.6	1.8																154	154	143	164							
27/ 21	1.8	.5																65	65	95	94							
26/ 19	1.1	.6	.1															52	52	46	73							
25/ 17	1.4	.2																45	45	59	58							
24/ 15	1.3	.3																46	46	52	69							
20/ 13	.7	.1																24	24	25	38							
19/ 11	.9	.1																29	29	30	28							
18/ 9	1.2																	33	33	33	52							
17/ 7	.5	.0																15	15	15	26							
16/ 5	.1																	2	2	2	10							
15/ 3	.2	.0																6	6	5	7							
14/ 1	.1																	2	2	3								
13/ -1	.1																	2	2	2	4							
12/ -3	.0																	1	1	1	1							
11/ -5	.2																	7	7	7	4							
10/ -13																						4						
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												

FORM 0-26-3 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

74-83

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7715 HOFENFELS AAF GE

74-84

STATION		STATION NAME												YEARS	
HRS	11.1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1 - 18	MEAN	26.9	25.1	33.7	37.5	48.1	55.7	58.2	55.7	49.7	41.7	34.6	29.3	41.9	
	S D	10.856	9.624	7.774	6.676	6.998	6.723	5.977	5.985	6.575	6.717	7.588	10.014	13.677	
	TOTAL OBS	747	747	863	957	871	868	859	879	824	822	756	730	9859	
- 11	MEAN	28.7	29.8	45.0	46.7	57.2	63.9	66.5	65.2	58.5	46.7	37.6	31.1	48.4	
	S D	9.596	7.476	7.677	7.954	8.088	8.362	7.859	6.684	6.958	6.778	6.944	8.993	15.697	
	TOTAL OBS	792	755	870	861	886	866	889	899	876	830	769	750	10043	
1 - 14	MEAN	32.0	35.3	45.4	51.1	61.5	67.8	70.4	70.1	63.9	51.4	40.9	34.0	53.2	
	S D	7.351	6.293	8.692	9.425	9.092	9.346	9.130	7.688	8.093	7.643	7.280	7.712	16.059	
	TOTAL OBS	742	712	827	861	888	875	891	923	876	779	729	702	9776	
- 17	MEAN	31.6	35.7	46.3	52.0	62.2	68.5	71.6	70.8	64.6	51.2	39.9	33.7	53.6	
	S D	7.300	6.644	8.837	9.726	9.448	9.726	9.893	8.119	8.451	7.800	7.296	7.822	16.626	
	TOTAL OBS	717	687	796	860	886	871	855	875	829	753	693	673	9489	
	MEAN														
	S D														
	TOTAL OBS														
	MEAN														
	S D														
	TOTAL OBS														
	MEAN														
	S D														
	TOTAL OBS														
	MEAN														
	S D														
	TOTAL OBS														
ALL HOURS	MEAN	29.7	31.4	41.2	46.8	57.3	64.0	66.7	65.5	59.3	47.6	38.2	31.8	49.2	
	S D	9.198	8.799	9.660	10.286	10.137	10.013	9.836	9.346	9.576	8.241	7.674	8.894	16.243	
	TOTAL OBS	3038	2901	3356	3439	3531	3480	3494	3556	3401	3181	2938	2852	39167	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17715 HOMERFELS AAF GE

74-84

STATION		STATION NAME												YEARS
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6-39	MEAN	26.6	24.8	33.0	36.1	45.5	52.5	54.8	53.7	48.6	40.9	34.0	28.9	40.5
	S D	1.678	9.445	7.471	6.025	5.894	5.469	4.745	5.275	6.080	6.450	7.302	9.745	12.621
	TOTAL OBS	745	747	863	857	871	868	859	879	820	822	756	730	9857
5-11	MEAN	28.2	29.0	37.8	41.8	50.2	56.3	58.6	58.8	54.0	44.5	36.4	30.4	44.4
	S D	9.341	7.090	6.592	5.997	5.507	5.524	4.731	4.601	5.506	5.936	6.442	8.571	12.762
	TOTAL OBS	792	755	870	861	886	866	889	899	876	830	769	750	10043
12-14	MEAN	30.9	33.1	40.9	43.7	51.8	57.3	59.7	60.3	56.2	47.2	38.8	32.8	46.9
	S D	6.999	5.296	6.816	6.154	5.619	5.661	4.945	4.750	5.707	6.021	6.369	7.090	11.954
	TOTAL OBS	742	712	827	861	888	875	890	903	876	779	720	702	9775
15-17	MEAN	30.7	33.2	41.2	44.2	52.4	57.6	60.0	60.4	56.3	47.2	38.1	32.0	47.0
	S D	7.000	5.515	6.777	6.158	5.512	5.549	4.878	4.781	5.906	6.201	6.453	7.329	12.135
	TOTAL OBS	717	687	796	860	886	871	855	875	829	750	693	670	9489
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	29.0	29.9	38.1	41.5	49.9	55.9	58.3	58.3	53.8	44.9	36.8	31.0	44.7
	S D	8.882	7.876	7.663	6.887	6.208	5.904	5.236	5.559	6.566	6.669	6.908	8.412	12.659
	TOTAL OBS	3036	2901	3356	3439	3531	3480	3493	3556	3401	3181	2938	2852	39164

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 7715 HOFENFELS AAF GE

74-84

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
16-08	MEAN	25.8	23.9	32.0	34.2	42.9	50.1	52.3	52.2	47.7	40.2	33.3	28.1	39.3
	S D	11.027	9.846	7.750	6.167	6.092	5.458	4.965	5.280	6.024	6.549	7.328	9.927	12.345
	TOTAL OBS	795	747	863	857	871	868	859	879	820	822	756	730	9857
16-11	MEAN	27.1	27.3	34.9	36.1	43.7	50.5	52.9	54.2	50.4	42.3	35.0	29.1	40.8
	S D	9.669	7.510	6.955	6.838	6.278	5.849	5.172	4.985	5.811	6.234	6.574	8.729	11.760
	TOTAL OBS	792	755	870	861	886	866	889	899	876	830	769	750	10043
16-14	MEAN	28.9	29.6	35.4	35.7	43.1	49.5	52.2	53.6	50.3	43.2	36.3	30.8	41.4
	S D	7.635	6.078	7.571	6.864	6.369	6.082	5.785	5.411	6.029	6.333	6.396	7.449	10.859
	TOTAL OBS	742	712	827	861	888	875	890	903	876	779	720	702	9775
16-17	MEAN	28.9	29.2	35.3	35.6	43.1	49.4	52.0	53.3	50.1	43.4	36.0	30.2	41.2
	S D	7.639	6.432	7.456	6.655	6.385	6.182	5.731	5.420	6.256	6.374	6.384	7.804	10.902
	TOTAL OBS	717	667	796	860	886	871	855	875	829	750	693	670	9489
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	27.7	27.5	34.3	35.4	43.2	49.9	52.3	53.3	49.6	42.2	35.1	29.5	40.6
	S D	9.246	7.974	7.567	6.672	6.271	5.915	5.436	5.323	6.125	6.507	6.793	8.612	11.529
	TOTAL OBS	3034	2901	3356	3439	3531	3480	3493	3556	3401	3181	2938	2852	39168

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

107715
STATION

HOHENFELS AAF GF
STATION NAME

75-84
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
JAN	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.2	80.6	785
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	99.5	94.8	73.6	792
	12-14	100.0	100.0	100.0	100.0	100.0	99.5	94.2	80.2	50.9	742
	15-17	100.0	100.0	100.0	100.0	100.0	99.3	96.8	85.1	54.5	717
	18-20										
	21-23										
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	97.6	89.6	64.9	3036

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

107715
STATION

WOMENFELS AAF GE
STATION NAME

75-84

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
FEB	00-02										
	03-05										
	06-08	100.0	100.0	100.0	99.9	99.7	99.5	99.3	95.3	87.6	747
	09-11	100.0	100.0	100.0	100.0	99.5	98.4	95.7	86.6	61.6	755
	12-14	100.0	100.0	99.9	98.5	94.8	88.3	74.7	59.6	33.3	712
	15-17	100.0	100.0	99.6	97.2	92.4	85.9	70.6	57.4	26.1	687
	18-20										
	21-23										
TOTALS		100.0	100.0	99.9	98.9	96.6	93.0	84.9	74.7	50.4	2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

107715
STATION

WOMENFELS AAF GE
STATION NAME

74-83

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
MAR	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	94.2	73.3	863
	09-11	100.0	100.0	100.0	99.8	98.3	91.1	79.3	64.6	34.0	870
	12-14	100.0	100.0	99.6	97.0	83.7	68.0	49.7	31.0	14.3	827
	15-17	100.0	100.0	99.5	93.8	81.4	64.3	41.5	24.1	11.1	796
	18-20										
	21-23										
TOTALS		100.0	100.0	99.8	97.7	90.9	80.9	67.4	53.5	33.2	3356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

MOHENFELS AAF GE
STATION NAME

74-83

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.1	97.8	91.7	79.9	52.5	88.5	857
	09-11	100.0	100.0	99.8	94.1	81.1	62.8	45.5	31.8	13.5	69.2	861
	12-14	100.0	99.9	94.4	77.9	59.3	40.9	29.3	20.9	9.4	59.2	861
	15-17	100.0	99.8	92.1	74.0	55.5	37.9	27.7	18.3	7.9	57.3	860
	18-20											
	21-23											
TOTALS		100.0	99.9	96.6	86.5	73.8	59.9	48.6	37.7	20.8	68.5	3439

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

HOMENFELS AAF GE

STATION NAME

74-83

PERIOD

MAY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.4	92.5	83.4	63.5	32.3	83.2	871
	09-11	100.0	100.0	99.8	90.7	73.0	52.4	33.9	17.7	6.4	63.1	886
	12-14	100.0	100.0	93.5	73.9	51.6	31.0	19.0	9.7	2.5	53.6	888
	15-17	100.0	99.7	90.1	69.6	50.2	31.0	20.8	10.8	2.8	52.9	886
	18-20											
	21-23											
TOTALS		100.0	99.9	95.9	83.5	68.3	51.7	39.3	25.4	11.0	63.2	3531

USAFETAC

FORM
AFM 84

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7715
STATION

MCHEMFELS AAF GE

STATION NAME

74-83

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.8	94.4	85.3	60.9	24.3	82.2	868
	09-11	100.0	100.0	99.2	94.0	79.0	55.4	34.1	16.1	4.8	63.9	866
	12-14	100.0	99.8	95.9	79.8	55.1	32.2	18.5	6.2	1.9	54.4	875
	15-17	100.0	99.2	93.0	73.6	53.4	30.7	18.5	9.6	1.6	53.5	871
	18-20											
	21-23											
TOTALS		100.0	99.8	97.0	86.8	71.6	53.2	39.1	23.2	8.2	63.5	3480

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 7715
STATION

MOHENFELS AAF GE

STATION NAME

74-83

PERIOD

JUL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
JUL	00-02										
	03-05										
	06-08	100.0	100.0	100.0	99.7	98.3	92.9	83.4	57.5	24.1	859
	09-11	100.0	100.0	98.3	94.4	78.2	51.9	34.3	18.3	6.4	889
	12-14	100.0	98.9	94.4	80.8	54.7	32.8	21.0	11.7	3.8	890
	15-17	100.0	97.8	91.6	73.1	47.6	30.3	21.1	13.1	5.3	855
	18-20										
	21-23										
TOTALS		100.0	99.2	96.1	87.0	69.7	52.0	40.7	25.2	9.9	3493

USAFETAC

FORM 04

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7715
STATION

WOMENFELS AAF GE

STATION NAME

74-83

PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
AUG	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.9	99.7	94.7	60.2	41.4	88.3	879
	09-11	100.0	100.0	100.0	98.3	91.9	71.3	44.5	21.7	5.0	68.8	899
	12-14	100.0	100.0	99.6	90.3	61.9	38.6	20.2	9.3	2.7	57.7	903
	15-17	100.0	100.0	98.6	84.8	56.9	33.1	17.9	10.4	2.7	56.0	875
	18-20											
	21-23											
TOTALS		100.0	100.0	99.6	93.4	77.7	60.7	44.3	30.4	13.0	67.7	3556

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.8	92.3	65.9	93.1	820
	09-11	100.0	100.0	100.0	99.9	97.4	85.0	64.5	36.6	13.5	75.6	876
	12-14	100.0	100.0	9.9	97.3	79.1	52.2	28.7	13.8	3.8	62.9	876
	15-17	100.0	100.0	99.9	95.9	71.9	46.6	27.5	11.9	2.9	61.1	829
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	98.3	87.1	70.9	54.9	38.7	21.5	73.2	3401

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

HONENFELS AAF GE
STATION NAME

74-83
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	0-02											
	3-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	99.1	95.3	73.2	94.4	822
	09-11	100.0	100.0	100.0	99.9	99.5	96.4	87.7	68.1	39.3	85.5	830
	12-14	100.0	100.0	100.0	99.2	95.4	81.4	64.4	35.8	16.2	74.9	779
	15-17	100.0	100.0	100.0	99.6	95.9	83.1	66.1	39.1	17.1	75.8	750
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	99.7	97.7	90.1	79.3	59.6	36.5	82.7	3181

USAFETAC

FORM
JUL 64

D-87-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17715
STATION

HOFENFELS AAF GE
STATION NAME

74-83
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
NOV	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	97.6	75.7	756
	09-11	100.0	100.0	100.0	100.0	99.9	99.0	96.4	87.1	59.7	769
	12-14	100.0	100.0	100.0	100.0	99.6	97.4	84.3	65.6	31.5	720
	15-17	100.0	100.0	100.0	100.0	99.7	98.1	90.5	75.8	38.0	693
	18-20										
	21-23										
TOTALS		100.0	100.0	100.0	100.0	99.8	98.6	92.7	81.5	51.2	2938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7715
STATION

HOFENFELS AAF GE
STATION NAME

78-83
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-02											
	3-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.5	80.5	95.4	730
	9-11	100.0	100.0	100.0	100.0	99.9	99.9	98.3	92.8	69.3	92.9	750
	12-14	100.0	100.0	100.0	100.0	99.6	98.7	92.2	81.1	48.9	88.4	702
	15-17	100.0	100.0	100.0	100.0	99.9	98.7	94.0	84.6	55.5	89.8	670
	18-20											
	21-23											
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.3	95.9	89.0	63.6	91.6	

USAFETAC

FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 7715 HOFENFELS AAF GE 74-84 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	100.0	99.7	97.6	89.6	64.9	92.1	3036
FEB		100.0	100.0	99.9	98.9	96.6	93.0	84.9	74.7	50.4	86.6	2901
MAR		100.0	100.0	99.8	97.7	90.9	80.9	67.4	53.5	33.2	78.6	3356
APR		100.0	99.9	96.6	86.5	73.8	59.9	46.6	37.7	20.8	68.5	3439
MAY		100.0	99.9	95.9	83.5	68.3	51.7	39.3	25.4	11.0	63.2	3531
JUN		100.0	99.8	97.0	86.8	71.6	53.2	39.1	23.2	8.2	63.5	3480
JUL		100.0	99.2	96.1	87.0	69.7	52.0	40.0	25.2	9.9	63.6	3493
AUG		100.0	100.0	99.6	93.4	77.7	60.7	44.3	30.4	13.0	67.7	3556
SEP		100.0	100.0	100.0	98.3	87.1	70.9	54.9	38.7	21.5	73.2	3401
OCT		100.0	100.0	100.0	99.7	97.7	90.1	79.3	59.6	36.5	82.7	3181
NOV		100.0	100.0	100.0	100.0	99.8	98.6	92.7	81.5	51.2	89.1	2938
DEC		100.0	100.0	100.0	100.0	99.9	99.3	95.9	89.0	63.6	91.6	2852
TOTALS		100.0	99.9	98.7	94.3	86.1	75.8	65.3	52.4	32.0	76.7	39144

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

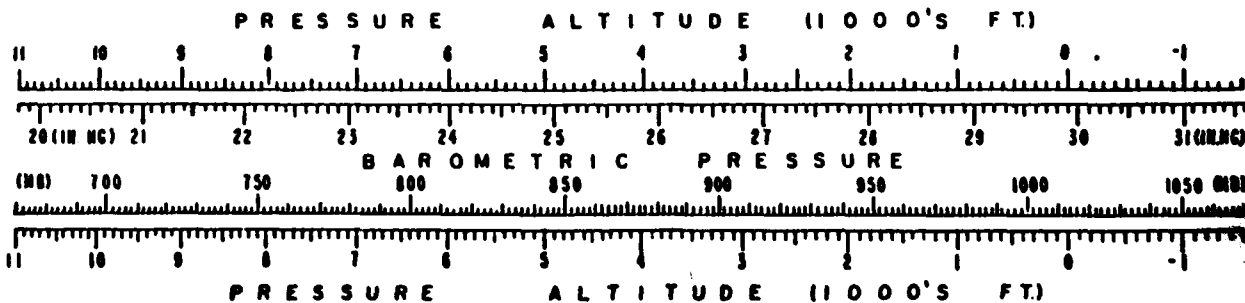
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
715 WHELFEL AAF GF		74-84													
HRS	INT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1	MEAN														
	S D														
	TOTAL OBS														
2	MEAN														
	S D														
	TOTAL OBS														
7	MEAN	28.463	28.482	28.393	28.452	28.443	28.446	28.575	28.520	28.544	28.475	28.509	28.437	28.473	
	S D	.310	.324	.257	.192	.189	.143	.124	.134	.178	.258	.266	.367	.240	
	TOTAL OBS	263	254	288	286	296	290	298	302	272	275	253	245	3318	
9	MEAN	28.481	28.497	28.413	28.413	28.445	28.499	28.576	28.529	28.563	28.492	28.530	28.447	28.484	
	S D	.307	.325	.257	.193	.189	.141	.124	.132	.174	.265	.265	.373	.241	
	TOTAL OBS	264	252	290	287	296	289	296	298	292	277	257	251	3398	
13	MEAN	28.459	28.479	28.397	28.397	28.431	28.483	28.493	28.514	28.546	28.472	28.509	28.445	28.469	
	S D	.303	.330	.250	.189	.186	.143	.124	.129	.173	.262	.264	.371	.236	
	TOTAL OBS	279	230	269	287	296	292	297	303	292	251	234	226	3216	
16	MEAN	28.452	28.467	28.377	28.376	28.415	28.465	28.477	28.495	28.523	28.458	28.500	28.448	28.454	
	S D	.305	.323	.244	.186	.182	.139	.120	.175	.173	.258	.263	.365	.233	
	TOTAL OBS	279	229	267	287	295	290	296	299	277	251	231	222	3183	
2	MEAN														
	S D														
	TOTAL OBS														
2	MEAN														
	S D														
	TOTAL OBS														
ALL HOURS	MEAN	28.464	28.482	28.394	28.398	28.433	28.486	28.495	28.515	28.544	28.475	28.512	28.444	28.470	
	S D	.306	.325	.252	.191	.187	.142	.124	.131	.175	.261	.264	.369	.238	
	TOTAL OBS	1005	961	1114	1147	1183	1161	1187	1202	1113	1056	975	983	13065	

USAF ETAC FORM 0-89-5 (OLA)
OCT 76

END

DATE

FILMED

12-84